

Bulletin of North Carolina Central University

Durham, North Carolina

University Undergraduate Catalog

2008-2011

A Constituent Institution
Of the University of North Carolina

North Carolina Central University is committed to quality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, age, or disability. Moreover, North Carolina Central University is open to all races and actively seeks to promote racial integration by recruiting and enrolling a larger number of white students. This commitment is in keeping with Title IX of the Educational Amendments of 1972 and Section 504, Rehabilitation Act of 1973. The Bulletin of North Carolina Central University (USPS 074-800) is issued every two years by North Carolina Central University, Durham, NC 27701-1912. Periodical Postal Paid at Durham, NC 27701. Postmaster should send address change to the Bulletin of NCCU, Office of Admissions, McDougald House, Lawson Street, Durham, NC 27701-1912.

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August 2009



Dear Student:

Welcome to North Carolina Central University!

You have come to the right place if you are determined to change the world for the better. The founding mission of this university was the development of the sound character and the academic credentials necessary for real service to the nation, reflected in our motto "Truth and Service." This historic mission continues to guide our selection of program offerings.

In 2010, North Carolina Central University will celebrate 100 years of success in graduating leaders for industry, law and government. Civil rights attorney and NCCU chancellor emeritus Julius L. Chambers; former North Carolina Governor Mike Easley; U.S. Congressman G.K. Butterfield; famed attorney Willie Gary; and no less than ten members of the North Carolina General Assembly earned degrees at NCCU, including the former speaker of the House, Dan Blue. Alumni like George Hamilton, president and general man-

ager of Dow Coating Solutions; James Speed, president and CEO of North Carolina Mutual Life Insurance Co.; and Floyd Benjamin, Jr., president of Keystone Pharmaceuticals, credit their education at NCCU for their accomplishment. All are linked by their desire to give back to their communities through their leadership, public service or philanthropic endeavors.

An HBCU (historically black college or university), North Carolina Central University is proud of its place in American history as the first publicly supported liberal arts college for African-Americans. We are one of only 93, four-year HBCUs in the country that graduate a disproportionate 30 percent share of all African-Americans with baccalaureate degrees. Although we honor our history and our role in educating African-American youth, NCCU embraces the twenty-first century and reaches out to students of all racial and ethnic backgrounds as we strive to become one of the best comprehensive, public, liberal arts colleges in the Southeast.

You have come to the right place if you appreciate high standards and accept the challenge to adopt them as your own. NCCU's student newspaper, the *Campus Echo* consistently takes top honors in the HBCU National News Media Awards including the coveted *Best Overall Student Newspaper*. This year, 90 percent of our nursing students passed their licensing examination, exceeding the state departmental standard of 85 percent and our jazz studies students have been known to perform at Carnegie Hall, the White House, and venues in Europe.

NCCU offers more than 100 bachelor's degree programs from which to choose; all detailed in this catalog. Find your passion and give it your all. We will do our part and provide you with high quality living and learning environments as well as student life opportunities to enrich your college experience.

Become someone who will make a difference. Begin here at NCCU!

Sincerely,

Charlie Nelms
Chancellor

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About This Catalog...

The publisher of this catalog has made every reasonable effort to attain factual accuracy herein, no responsibility is assumed for editorial, clerical, or printing errors. The publisher presents information which, at the time of preparation for printing, most accurately describes the course offerings, faculty listings, policies, procedures, regulations, and requirements of the University. However, it does not establish contractual relationships. All provisions, regulations, degree programs, course listings, etc., in effect when this catalog went to press are subject to revision by the appropriate governing bodies of North Carolina Central University.

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2008-2011 Academic Calendar for All Colleges and Schools

(Calendars are subject to change)

Fall 2008

August 12, 2008, Tuesday
Faculty Institute and University
Conference at 9:00 am

August 12, 2008, Tuesday
Residence Hall check-in from 6:00 pm -
9:00 pm for new students who DID NOT
participate in the Eagle Institute.
Financial Aid posted for Fall 2008 term.

August 13, 2008, Wednesday
Opening Session for new students.
Placement testing and advising at 8:30
am for new students. Advising and
registration for new students exempt
from placement testing and transfer
students. Residence Hall check-in at
9:00 am for new students who DID
participate in the Eagle Institute.

August 14, 2008, Thursday
Week of Welcome (WOW) begins.
Advising and late registration continue
for ALL students. Residence Hall check-
in at 9:00 am for continuing students.
Late fees imposed.

August 15, 2008, Friday
Late Registration continues.

August 16, 2008, Saturday
Advising and registration conclude at
1:00 pm. Course schedules canceled for
students who have not made
satisfactory payment arrangements.

August 17, 2008, Sunday
WOW activities end. Preliminary class
lists available through Banner.

August 18, 2008, Monday

First day of classes. (Late fee
applicable).

August 19, 2008, Tuesday
Schedule Adjustment Period
(Drop/Add) begins. Class lists for
Saturday classes with updates to be in
the Office of the Registrar by 4:00 pm,
Tuesday, August 26.

August 20, 2008, Wednesday
Schedule Adjustment Period continues.
Notification of impending drop for
students who have not submitted final
immunization records.

August 21, 2008, Thursday
Schedule Adjustment Period continues.

August 22, 2008, Friday
Late Registration and Schedule
Adjustment Period (Drop/Add/ Section
Changes) conclude at 4:00 pm. Course
schedules canceled for all students who
have not made satisfactory payment
arrangements by 4:00 pm.

August 25, 2008, Monday
**First day students with WC grade
issued.**

August 25, 2008, Monday
**Residence check in for on-campus
students not registered or registered
less than 12 hours.**

August 26, 2008, Tuesday
All class lists for Saturday classes with
updates to be in the Office of the
Registrar by 4:00 pm.

August 27, 2008, Wednesday
Final Class lists available in Banner.

***Law students may withdraw from a
class with a WC grade until the day of
the final examination.**

August, 29, 2008, Friday
10th day of class census date.

September 1, 2008, Monday
Labor Day Observance, no classes.

September 4, 2008, Thursday
Last day to challenge courses by
examination for credit.

September 12, 2008, Friday

Last day for filing applications for the
Master's foreign language examinations
to be taken this semester. Last day for
Deans to submit course offerings for
Spring, 2009.

September 19, 2008, Friday
Last day to withdraw from the
University with a prorated bill
adjustment and/or refund. Students
who have not met the
State immunization requirements will
be dropped from classes. Early Warning
Progress Reports due to Registrar by
5:00 pm.

September 26, 2008, Friday
Fall Convocation at 10:15 am
in McLendon-McDougald Gymnasium
(Classes should attend).

October 10, 2008, Friday
Mid-Term Progress Grades due in
Banner by 4:00 pm. Last day to apply
for December graduation.

October 11, 2008, Saturday
Foreign Language examinations for
Master's degree candidates.

October 17, 2008, Friday
General Faculty Meeting

October 18, 2008, Saturday
Fall Break begins after classes.

October 21, 2008, Tuesday
Classes resume at 8:00 am.

October 22, 2008, Wednesday
Last day to file applications for
admission to candidacy for graduate
students planning to complete degrees
this semester. Registration for Spring
2009 begins. Last day for
undergraduates to withdraw from a
class or the University with a WC grade.

October 29, 2008, Wednesday
Last day for filing applications for the
Master's written examination to be
taken this semester.

October 31, 2008, Friday
Founder's Day

November 8, 2008, Saturday
Written examinations for Master's
degree candidates.

November 26, 2008, Wednesday
Residence Halls close at 10:00 am.

November 26-29, 2008, Wednesday-Saturday
Thanksgiving Holiday Observance – no classes.

November 30, 2008, Sunday
Residence Halls open at 12:00 noon.

December 1, 2008, Monday
Classes resume at 8:00 am. Last day of classes for all Law students. Last day of classes for graduating students. Last day for graduate students to withdraw from a class with a WC grade *

December 2, 2008, Tuesday
Reading day for Law students. Reading day for graduating students.

December 3, 2008, Wednesday
Deadline for submission of undergraduate applications for admission to the Spring semester.

December 3-4, 2008, Wednesday-Thursdays
Final examinations for all graduating students

December 3-12, 2008, Wednesday - Friday
Final examinations for Law students.

December 5, 2008, Friday
Last day of classes for non graduating students. Last day to submit thesis/projects for this semester. Final grades for graduating students due in Banner by 5:00 pm.

December 6, 2008, Saturday
Reading day for non-graduating students.

December 8-13, 2008, Monday-Saturday
Final Examinations for **non-graduating** students.

December 12, 2008, Friday
Commencement Rehearsal, 11:00am. Chancellor's Reception for graduating students and their families, 6:00 pm, Alfonso Elder Student Union.

December 13, 2008, Saturday
All Residence Halls close at 12:00 noon for non-graduating students.

December 13, 2008, Saturday
Commencement Exercises at 9:00 am.

December 17, 2008, Wednesday
All grades due in Banner by 5:00pm.

December 21, 2008, Sunday
Financial Aid posted for Spring term.

December 22, 2008, Monday
Spring 2009 tuition fees due in Banner 5:00 pm.

December 23, 2008, Tuesday
First drop for non-payment

December 29, 2008, Monday
Financial Aid posted.

LAW SCHOOL ONLY

December 1, Monday	Last day of classes
December 2 Wednesday-Friday,	Reading Day
December 3-12 Wednesday-Friday	Final Examinations

Spring 2009

January 1, 2009, Thursday
New Year's Day Observance

January 2, 2009, Friday
University business resumes for all NCCU employees.

January 4, 2009, Sunday
Residence Hall check-in at 10:00 am for all new students. Orientation session begins at 1:00 p.m. for all new students. Residence Hall check-in at 12:00 noon for continuing students.

January 5, 2009, Monday
Placement testing, advising, and Late registration for all students (8:00 am - 4:00 pm). **Late fee applicable.**

January 6, 2009, Tuesday
Advising and late registration conclude at 4:00 pm.

January 7, 2009, Wednesday
First day of Classes. Classes begin at 8:00 am for all students. 1st Preliminary class lists available in Banner. Schedule Adjustment Period (Drop /Add) begins.

January 14, 2009, Wednesday
Late registration and schedule adjustment period (Drop/Add/Section Changes) conclude at 4:00 pm. Course schedules canceled for students who have not made satisfactory payment arrangements by 4:00 pm. Residence check for on-campus students not registered or registered less than 12 hours. Notification of impending drop for students who have not submitted final immunization records. All class lists for Saturday classes with updates to be in the Office of the Registrar by 4:00 pm. Final class lists available in Banner.

January 19, 2009 Monday
Martin Luther King, Jr. Day Observance, no class.

January 21, 2009, Wednesday
10th day of class census date.

January 21, 2009, Wednesday
Last day to challenge courses by examination for credit.

February 2, 2009, Monday
Last day to file for May graduation.

February 4, 2009, Wednesday
Early Warning Progress Reports due in Banner by 5:00 pm.

February 11, 2009, Wednesday
Last day to withdraw from the University with a prorated bill adjustment and/or refund. Last day for Deans to submit course offerings for the Summer Sessions and Fall Term 2009.

February 13, 2009, Friday
Last day for filing applications for the Masters foreign language examinations to be taken this semester.

February 28, 2009, Saturday
Foreign Language examinations for Masters candidates.

March 3, 2009, Tuesday
Mid-Term Progress Reports due in the Banner by 4:00 pm.

March 4, 2009, Wednesday

Last day for undergraduates to withdraw from a class or the University with a WC grade.

March 7, 2009, Saturday

Spring Break begins after Saturday classes. Residence Halls close at 12:00 noon.

March 15, 2009, Sunday

Residence Halls re-open at 12:00 noon.

March 16, 2009, Monday

Classes resume at 8:00 am. Registration opens for Summer Sessions and Fall 2009. Last day to file applications for admission to candidacy for graduate students planning to complete degrees this semester.

March 19, 2009, Thursday

General Faculty Meeting.

March 20, 2009, Friday

Good Friday Observance, no classes.

March 27, 2009, Friday

Last day for filing applications for the Masters written examinations to be taken this semester.

April 3, 2009, Friday

Honors Convocation at 10:00 am in the McLendon-McDougald Gymnasium (Classes should attend).

April 4, 2009, Saturday

Written examinations for Masters degree candidates.
April 9, 2009, Thursday
Law students follow Monday schedule.

April 17, 2009, Friday

Last day of classes for Law students.

April 18, 2009, Saturday

Reading Day for Law Students.

April 20-30, 2009, Monday-Thursday

Final examinations for Law students.

May 1, 2009, Friday

Last day to submit thesis/projects for this semester. Last day of classes for **ALL** students. Last day for graduate students to withdraw from a class with a **WC** grade. *

May 2, 2009, Saturday

Reading Day for all graduating students.

May 4-6, 2009, Monday-Wednesday

Final examinations for graduating students beginning 8:00 am.

May 4-9, 2009, Monday-Saturday

Final examinations for non-graduating students.

May 7, 2009, Thursday

Final grades for graduating students due in Banner by 9:00 am.

May 11, 2009, Monday

All grades due in Banner by 9:00 am.

May 15, 2009, Friday

Alumni Day. Commencement Rehearsal at 11:00 am. Chancellor's Reception for graduating students and their families, 6:00 pm, Alfonso Elder Student Union.

May 16, 2009, Saturday

Commencement Exercises at 8:00 am. Residence Halls close at 12:00 for graduating students.

***Law students may withdraw from a class with a WC grade until the day of the final examination.**

LAW SCHOOL ONLY

January 7, 2009 Wednesday	First day of classes
April 17, 2009 Wednesday	Last Day of Classes
April 18, 2009 Saturday	Reading Day
April 20-30, 2009, Monday- Thursday	Final Examinations

Summer 2009

May 24, 2009, Sunday

Residence Halls open at 9:00 am

May 25, 2009, Monday

Memorial Day Observance, no classes.

May 26, 2009, Tuesday

Registration for all students. First day of classes for Law students.

May 27, 2009, Wednesday

First day of classes for non-Law students. **Late Registration/Schedule Adjustment Period begins.**

May 28, 2009, Thursday

Schedule Adjustment concludes at 4:00 pm. ALL REGISTRATION ACTIVITIES FOR FIRST AND DUAL SESSIONS END AT 4:00 pm. Course schedules canceled for students who have not made satisfactory payment arrangements by 4:00 pm. Last day to withdraw from the University with a tuition adjustment and /or refund.

June 1, 2009, Monday

Equivalent 10-day census date.

June 5, 2009, Friday

Last day for undergraduates to withdraw from a class with a WC grade.

June 9, 2009, Tuesday

Teachers' Session classes begin; **ALL REGISTRATION ACTIVITIES END FOR TEACHERS' SESSION.**

June 11, 2009, Thursday

Last day for filing application for the Master's foreign language examination to be taken this summer.

June 20, 2009, Saturday

Foreign language examinations for Master's degree candidates.

June 30, 2009, Tuesday

Last day of classes. Last day to submit thesis/projects for this summer session. Last day for graduate students to withdraw from a class with a WC grade.

July 1-2, 2009, Wednesday-Thursday
Final examinations**July 3, 2009, Friday**

Residence Halls close at 10:00 am (First Session Only) Final grades for First Summer Session due in Banner by 4:00 pm

July 3, 2009, Friday

First day of Registration. Eagle Institute for new students. Last day of classes for Teachers' Session.

SECOND SUMMER SESSION, 2009

July 5, 2009, Sunday

Residence Halls open at 9:00 am.

July 6, 2009, Monday

Registration for all students, 1st day of classes for Law students.

July 7, 2009, Tuesday

First day of classes for non-Law students. **Late registration/Schedule Adjustment Period begins.**

July 8, 2009, Wednesday

Schedule Adjustment concludes at 4:00 pm. **ALL REGISTRATION ACTIVITIES FOR SECOND SESSION END**

AT 4:00 pm. Course schedules canceled for students who have not made satisfactory payment arrangements by 4:00 pm. Last day to withdraw from the University with a tuition adjustment and refund. EOP-Eagle Institute for new students.

July 13, 2009, Monday

Last day for filing application for the Master's Written Examination to be taken this summer.

July 14, 2009, Tuesday

Last day for undergraduates to withdraw from a class with a "WC" grade.

July 17, 2009, Friday

Equivalent 10-day census date. Eagle Institute for new students.

July 18, 2009, Saturday

Written examination for Master's degree candidates. Eagle Institute for new students: Freshmen and transfers.

Fall 2009

July 31, 2009, Friday

All tuition payments due by 5:00 pm.

August 3, 2009, Monday

First drop for non-payment.

August 4, 2009, Tuesday

Late registration begins/Late registration fees are imposed for all students.

August 4-12, 2009, Tuesday-Wednesday

On-Line Late Registration

August 7, 2009, Friday

Financial Aid posted.

August 11, 2009, Tuesday

Faculty Institute and University Conference at 9:00 am.

August 11, 2009, Tuesday

Residence Hall check-in from 6:00 pm - 9:00 pm for new students who DID NOT participate in the EOP-Eagle Institute. Financial Aid posted for Fall 2009 term.

August 12, 2009, Wednesday

Opening Session for new students. Placement testing and advising at 8:30 am for new students. Advising and registration for new students exempt from placement testing and transfer students. Residence Hall check-in at 9:00 am for new students who DID participate in the Eagle Institute.

August 13, 2009, Thursday

Week of Welcome (WOW) begins. Advising and late registration continues for ALL students. Residence Hall check-in at 9:00 am for continuing students. Late fees imposed.

August 14, 2009, Friday

Late Registration continues. Late fees imposed.

August 15, 2009, Saturday

Advising and late registration conclude at 1:00 pm.

August 16, 2009, Sunday

WOW activities end. Preliminary class lists available through Banner.

August 17, 2009, Monday

First day of classes.

August 18, 2009, Tuesday

Schedule Adjustment Period (Drop/Add) begins. Class lists for Saturday classes with updates to be in the Office of the Registrar by 4:00 pm, Tuesday, August 25.

August 19, 2009, Wednesday

Schedule Adjustment Period continues. Notification of impending drop for students who have not submitted final immunization records.

August 20, 2009, Thursday

Schedule Adjustment Period continues.

August 21, 2009, Friday

Late Registration and Schedule Adjustment Period (Drop/Add/Section Changes) conclude at 4:00 pm. Course schedules canceled for all students who have not made satisfactory payment arrangements by 4:00 pm.

August 24, 2009, Monday

First day students with WC grade issued.

August 24, 2009, Monday

Residence check for on-campus students not registered or registered less than 12 hours.

August 25, 2009, Tuesday

All class lists for Saturday classes with updates to be in the Office of the Registrar by 4:00 pm.

August 26, 2009, Wednesday

Final Class lists available in Banner.

August 28, 2009, Friday

10th day of class census date.

September 3, 2009, Thursday

Last day to challenge courses by examination for credit.

September 7, 2009, Monday

Labor Day Observance, no classes.

September 11, 2009, Friday

Last day for filing applications for the Master's foreign language examinations to be taken this semester. Last day for Deans to submit course offerings for Spring, 2010.

September 18, 2009, Friday

Students who have not met the State immunization requirements will be dropped from classes. Early Warning Progress grades due in Banner by 5:00 pm. Last day to withdraw from the University with a prorated bill adjustment and/or refund.

September 25, 2009, Friday

Fall Convocation at 10:15 am in McLendon-McDougald Gymnasium (Classes should attend).

October 9, 2009, Friday

Mid-Term Progress Reports due in Banner by 4:00 pm. Last day to apply for December graduation.

October 10, 2009, Saturday

Foreign Language examinations for Master's degree candidates.

October 16, 2009, Friday

General Faculty Meeting

October 17, 2009, Saturday

Fall Break begins after classes.

October 20, 2009, Tuesday

Classes resume at 8:00 am.

December 1, 2009, Tuesday
Reading day for Law students.
Reading day for graduating students.

October 21, 2009, Wednesday

Last day to file applications for admission to candidacy for graduate students planning to complete degrees this semester. Registration for Spring 2010 begins. Last day for undergraduates to withdraw from a class or the University with a WC grade.

October 28, 2009, Wednesday

Last day for filing application for the Master's written examination to be taken this semester.

October 30, 2009, Friday

Founder's Day

November 7, 2009, Saturday

Written examinations for Master's degree candidates.

November 25, 2009, Wednesday

Study Day

November 25-28, 2009, Wednesday-Saturday

Thanksgiving Holiday Observance – no classes.

November 29, 2009, Sunday

Residence Halls open at 12:00 noon.

November 30, 2009, Monday

Classes resume at 8:00 am. Last day of classes for all Law students. Last day of classes for graduating students.

December 2, 2009, Wednesday

Deadline for submission of undergraduate applications for admission to the spring semester.

December 2-3, 2009, Wednesday-Thursday

Final examinations for graduating students beginning 8:00 am.

December 2 -11, 2009, Wednesday - Friday

Final examinations for Law students.

(December 3, 2009 - treat same as a Monday class day)**December 4, 2009, Friday**

Final grades for graduating students due in Banner by 12:00 noon

December 4, 2009, Friday

Last day of classes for all students. Last day for graduate students to withdraw from a class with a WC grade.*
Last day to submit thesis/projects for this semester.

December 5, 2009, Saturday

Reading day for non-graduating students.

December 7-14, 2009,**Monday-Monday**

Final examinations for non-graduating students.

December 11, 2009, Friday

Commencement Rehearsal, 11:00 am.
Chancellor's Reception for graduating students and their families, 6:00 pm, Alfonso Elder Student Union.

December 12, 2009, Saturday

Commencement Exercises at 9:00 am.

December 15, 2009, Saturday

All Residence Halls close at 5:00 p.m. for non-graduating students.

December 16, 2009, Wednesday

All grades due in Banner by 5:00 pm.

December 20, 2009, Sunday

Financial Aid posted for Spring term.

December 21, 2009, Monday

Spring 2010 tuition fees due in Banner 5:00 pm.

December 22, 2009, Tuesday

First drop for non-payment.

December 28, 2009, Monday

Financial Aid posted.

LAW SCHOOL ONLY

November 30, 2009, Monday

Last day of classes

December 1, 2009, Tuesday

Reading Day

December 2-11, 2009

Wednesday-Friday

Final Examinations

Spring 2010

January 1, 2010, Friday

New Year's Day Observance

January 3, 2010, Sunday

Residence Hall check-in at 10:00 am for all new students. Orientation session begins at 1:00 p.m. for all new students. Residence Hall check-in at 12:00 noon for continuing students.

January 4, 2010, Monday

University business resumes for all NCCU employees.

January 4, 2010, Monday

Placement testing, advising, and late registration for all students (8:00 am - 4:00 pm). Late fee applicable.

January 5, 2010, Tuesday

Advising and late registration conclude at 4:00 pm.

January 6, 2010, Wednesday

First day of Classes. Classes begin at 8:00 am for all students. 1st Preliminary class lists available in Banner. Schedule Adjustment Period (Drop /Add) begins.

January 13, 2010, Wednesday

Late Registration and Schedule Adjustment Period (Drop/Add/Section Changes) conclude at 4:00 pm. Course

schedules canceled for all students who have not made satisfactory payment arrangements by 4:00 pm. Residence check for on-campus students not registered or registered less than 12 hours. Notification of impending drop for students who have not submitted final immunization records. All class lists for Saturday classes with updates to be in the Office of the Registrar by 4:00 pm. Final class lists available in Banner.

January 18, 2010, Monday
Martin Luther King, Jr. Day
Observance, no classes.

January 20, 2010, Wednesday
 10th day of class census date.

January 20, 2010, Wednesday
 Last day to challenge courses by examination for credit.

February 1, 2010, Monday
 Last day to file for May graduation.

February 3, 2010, Wednesday
 Early Warning Progress Reports due in Banner by 5:00 pm.

February 10, 2010, Wednesday
 Last day to withdraw from the University with a prorated bill adjustment and/or refund. Last day for Deans to submit course offerings for the Summer Sessions and Fall Term 2010.

February 12, 2010, Friday
 Last day for filing applications for the Masters foreign language examinations to be taken this semester.

February 27, 2010, Saturday
Foreign Language examinations for Masters candidates.

March 2, 2010, Tuesday
 Mid-Term Progress Reports due in Banner by 4:00 pm.

March 4, 2010, Wednesday
 Last day for undergraduates to withdraw from a class or the university with a **WC** grade.

March 6, 2010, Saturday
 Spring Break begins after Saturday classes. Residence Halls close at 12:00 noon.

March 14, 2010, Sunday
 Residence Halls re-open at 12:00 noon.

March 15, 2010, Monday
 Classes resume at 8:00 am; Registration opens for Summer Sessions and Fall 2010. Last day to file applications for admission to candidacy for graduate students planning to complete degrees this semester.

March 18, 2010, Thursday
 General Faculty Meeting.

March 26, 2010, Friday
 Last Day for filing applications for the Masters written examinations to be taken this semester.

April 2, 2010, Friday
 Good Friday Observance, no classes.

April 8, 2010, Thursday
 Law students follow Monday's schedule

April 9, 2010, Friday
 Honors Convocation at 10:00 am in the McLendon-McDougald Gymnasium (Classes should attend).

April 10, 2010, Saturday
 Written examinations for Masters degree candidates.

April 16, 2010, Friday
 Last day of classes for Law students.

April 17, 2010, Saturday
 Reading Day for Law students.

April 19-29, 2010, Monday - Thursday
 Final examinations for Law students.

April 30, 2010, Friday
 Last day to submit thesis/projects for this semester. Last day of classes for all students. Last day for graduate students to withdraw from a class with a **WC** grade.*

May 3, 2010, Monday
 Reading Day for all graduating students.

May 4-5, 2010, Tuesday – Wednesday
 Final examinations for graduating students beginning 8:00 am.

May 4-10, 2010, Tuesday - Monday
 Final examinations for non-graduating students.

May 6, 2010, Thursday

Final grades for graduating students due in Banner by 9:00 am.

May 12, 2010, Wednesday
 All grades due in Banner by 9:00 am.

May 14, 2010, Friday
 Alumni Day. Commencement Rehearsal at 11:00 am. Chancellor's Reception for graduating students and their families, 6:00 pm, Alfonso Elder Student Union

May 15, 2010, Saturday
 Commencement Exercises at 8:00 am. Residence Halls close at 12:00 noon for non-graduating students.

LAW SCHOOL ONLY

January 11, 2010, Monday
 First day of classes

April 21, 2010, Wednesday
 Last day of classes

April 22-23, 2010, Thursday-Friday, Reading Day

April 24-May 4, 2010
 Saturday-Tuesday
 Final Examinations

Summer 2010

May 19, 2010, Wednesday
 Residence Halls open at 9:00 am

May 20, 2010, Thursday
 Registration for all students. First day of classes for Law students.

May 21, 2010, Friday
 First day of classes for non-Law students. **Late Registration/Schedule Adjustment Period** begins.

May 26, 2010, Wednesday
 Schedule Adjustment concludes at 4:00 pm. **ALL REGISTRATION ACTIVITIES FOR FIRST AND DUAL SESSIONS END AT 4:00 pm.** Course schedules canceled for students who have not made satisfactory payment arrangements by 4:00 pm. Last day to withdraw from the University with a tuition adjustment and /or refund.

May 31, 2010, Monday
Memorial Day Observance, no classes.

June 8, 2010, Tuesday
 Equivalent 10-day census date.
 June 14, 2010, Monday
 Last day for undergraduates to
 withdraw from a class with a WC grade.

June 16, 2010, Wednesday
 Teachers' Session classes begin; **ALL
 REGISTRATION ACTIVITIES END FOR
 TEACHERS' SESSION.**

June 16, 2010, Wednesday
 Last day for filing application for the
 Master's foreign language examination
 to be taken this summer.

June 26, 2010, Saturday
 Foreign language examinations for
 Master's degree candidates.

June 25, 2010, Friday
 Last day of classes. Last day to submit
 thesis/projects for this summer session.
 Last day for graduate students to
 withdraw from a class with a WC grade.

**June 26 & 28, 2010,
 Friday and Monday**
Final examinations

June 29, 2010, Tuesday
 Residence Halls close at 10:00 a.m.
 (First Session Only) Final grades for First
 Summer Session due in Banner by 4:00
 pm

July 1, 2010, Thursday
 First day of Registration. Eagle Institute
 for new students. Last day of classes for
 Teachers' Session.

SECOND SUMMER SESSION, 2010

June 30, 2010, Wednesday
 Residence Halls open at 9:00 am. and
 Registration begins.

July 1, 2010, Thursday
 First day of classes for all students

July 2, 2010, Friday
**Late registration/Schedule Adjustment
 Period begins.**

July 7, 2010, Wednesday
 Schedule Adjustment concludes at 4:00
 pm. **ALL REGISTRATION ACTIVITIES
 FOR SECOND SESSION END**

AT 4:00 pm. Course schedules canceled
 for students who have not made
 satisfactory payment arrangements by
 4:00 pm. Last day to withdraw from the
 University with a tuition adjustment
 and/or refund.

July 15, 2010, Thursday
 Last day for filing application for the
 Master's Written Examination to be
 taken this summer.

July 16, 2010, Thursday
 Last day for undergraduates to
 withdraw from a class with a WC grade.

July 19, 2010, Monday
 Equivalent 10-day census date. Eagle
 Institute for new students.

July 24, 2010, Saturday
 Written examination for Master's
 degree candidates. Eagle Institute for
 new students: Freshmen and transfers.

August 5, 2010, Thursday
 Last day of classes. Last day to submit
 thesis/projects for this summer session.
 Last day for graduate students to
 withdraw from a class with a WC
 grade.*

August 6-7, 2010, Friday-Saturday
Final examinations

August 7, 2010, Saturday
 Residence Halls close at 6:00 p.m.

August 9, 2010, Monday
 Final grades for Second Summer
 Session due in Banner by 4:00 pm

***Law students may withdraw from a
 class with a WC grade until the day of
 the final examination.**

Fall 2010

July 30, 2010, Friday
 All tuition payments due by 5:00 pm.

August 2, 2010, Monday
 First drop for non-payment.

August 3, 2010, Tuesday

Late registration begins/Late
 registration fees are imposed for all
 students.

**August 3-11, 2010, Tuesday-
 Wednesday**
On-Line Late Registration

August 6, 2010, Friday
Financial Aid posted.

August 10, 2010, Tuesday
 Faculty Institute and University
 Conference at 8:00 am.

August 10, 2010, Tuesday
 Residence Hall check-in from 6:00 pm -
 9:00 pm for new students who DID NOT
 participate in the EOP-Eagle Institute.
 Financial Aid posted for Fall 2010 term.

August 11, 2010, Wednesday Opening
 Session for new students. Placement
 testing and advising at 8:30 am for new
 students. Advising and registration for
 new students exempt from placement
 testing and transfer students.
 Residence Hall check-in at 9:00
 am for new students who DID
 participate in the Eagle Institute.

August 12, 2010, Thursday
 Week of Welcome (WOW) begins.
 Advising and late registration continues
 for ALL students. Residence Hall check-
 in at 9:00 am for continuing students.
 Late fees imposed.
 August 13, 2010, Friday
 Late Registration continues. Late fees
 imposed.

August 14, 2010, Saturday
 Advising and late registration conclude
 at 1:00 pm.

August 15, 2010, Sunday
 WOW activities end. Preliminary class
 lists available through Banner.

August 16, 2010, Monday
First day of classes.

August 17, 2010, Tuesday
 Schedule Adjustment Period
 (Drop/Add) begins. Class lists for
 Saturday classes with updates to be in
 the Office of the Registrar by 4:00 pm,
 Tuesday, August 25.

August 18, 2010, Wednesday
 Schedule Adjustment Period continues.
 Notification of impending drop for

students who have not submitted final immunization records.

August 19, 2010, Thursday

Schedule Adjustment Period continues.

August 20, 2010, Friday

Late Registration and Schedule Adjustment Period (Drop/Add/Section Changes) conclude at 4:00 pm. Course schedules canceled for all students who have not made satisfactory payment arrangements by 4:00 pm.

August 23, 2010, Monday

First day students with **WC** grade issued.

August 23, 2010, Monday

Residence check for on-campus students not registered or registered less than 12 hours.

August 24, 2010, Tuesday

All class lists for Saturday classes with updates to be in the Office of the Registrar by 4:00 pm.

August 25, 2010, Wednesday

Final Class lists available in Banner.

August 27, 2010, Friday

10th day of class census date.
September 2, 2010, Thursday
Last day to challenge courses by examination for credit.

September 6, 2010, Monday

Labor Day Observance, no classes.

September 10, 2010, Friday

Last day for filing applications for the Master's foreign language examinations to be taken this semester. Last day for Deans to submit course offerings for Spring, 2010.

September 17, 2010, Friday

Students who have not met the State immunization requirements will be dropped from classes. Early Warning Progress grades due in Banner by 5:00 pm. Last day to withdraw from the University with a prorated bill adjustment and/or refund.
September 24, 2010, Friday
Fall Convocation at 10:15 am in McLendon-McDougald Gymnasium (Classes should attend).

October 8, 2010, Friday

Mid-Term Progress Reports due in Banner by 4:00 pm. Last day to apply for December graduation.

October 9, 2010, Saturday

Foreign Language examinations for Master's degree candidates.

October 15, 2010, Friday

General Faculty Meeting

October 16, 2010, Saturday

Fall Break begins after classes.

October 19, 2010, Tuesday

Classes resume at 8:00 am.

October 20, 2010, Wednesday

Last day to file applications for admission to candidacy for graduate students planning to complete degrees this semester. Registration for Spring 2011 begins. Last day for undergraduates to withdraw from a class or the University with a WC grade.

October 27, 2010, Wednesday

Last day for filing application for the Master's written examination to be taken this semester.

October 29, 2010, Friday

Founder's Day

November 6, 2010, Saturday

Written examinations for Master's degree candidates.
November 24, 2010, Wednesday
Residence Halls close at 10:00 am.

November 24-27, 2010, Wednesday-Saturday

Thanksgiving Holiday Observance – no classes.

November 28, 2010, Sunday

Residence Halls open at 12:00 noon.

November 29, 2010, Monday

Classes resume at 8:00 am. Last day of classes for all Law students. Last day of classes for graduating students.
November 30, 2010, Tuesday
Reading day for Law students. Reading day for graduating students.

December 1, 2010, Wednesday

Deadline for submission of undergraduate applications for admission to the spring semester.

December 1-2, 2010, Wednesday-Thursday

Final examinations for graduating students beginning 8:00 am.

December 1-10, 2010, Wednesday - Friday

Final examinations for Law students.

December 3, 2010, Friday

Final grades for graduating students due in Banner by 12:00 noon

December 6, 2010, Monday

Last day of classes for all students. Last day for graduate students to withdraw from a class with a **WC** grade.*
Last day to submit thesis/projects for this semester.

December 7, 2010, Tuesday

Reading day for non-graduating students.

December 8-14, 2010, Wednesday-Tuesday

Final examinations for non-graduating students.

December 10, 2010, Friday

Commencement Rehearsal, 11:00 am.
Chancellor's Reception for graduating students and their families, 6:00 pm, Alfonso Elder Student Union.

December 11, 2010, Saturday

Commencement Exercises at 9:00 am.

December 11, 2010, Saturday

All Residence Halls close at 12:00 noon for non-graduating students.

December 15, 2010, Wednesday

All grades due in Banner by 5:00 pm.

December 19, 2010, Sunday

Financial Aid posted for Spring term.

December 20, 2010, Monday

Spring 2010 tuition fees due in Banner 5:00 pm.

December 21, 2010, Tuesday

First drop for non-payment.

December 27, 2010, Monday

Financial Aid posted.

Spring 2011

January 1, 2011, Saturday New Year's Day Observance

January 2, 2011, Sunday

Residence Hall check-in at 10:00 am for all new students. Orientation session begins at 1:00 p.m. for all new students. Residence Hall check-in at 12:00 noon for continuing students.

January 3, 2011, Monday

University business resumes for all NCCU employees.

January 3, 2011, Monday

Placement testing, advising, and late registration for all students (8:00 am - 4:00 pm). Late fee applicable.

January 4, 2011, Tuesday

Advising and late registration conclude at 4:00 pm.

January 5, 2011, Wednesday

First day of Classes. Classes begin at 8:00 am for all students. 1st Preliminary class lists available in Banner. Schedule Adjustment Period (Drop /Add) begins.

January 12, 2011, Wednesday

Late Registration and Schedule Adjustment Period (Drop/Add/Section Changes) conclude at 4:00 pm. Course schedules canceled for all students who have not made satisfactory payment arrangements by 4:00 pm. Residence check for on-campus students not registered or registered less than 12 hours. Notification of impending drop for students who have not submitted final immunization records. All class lists for Saturday classes with updates to be in the Office of the Registrar by 4:00 pm. Final class lists available in Banner.

January 17, 2011, Monday

Martin Luther King, Jr. Day Observance, no classes.

January 19, 2011, Wednesday

10th day of class census date.

January 19, 2011, Wednesday

Last day to challenge courses by examination for credit.

January 31, 2011, Monday

Last day to file for May graduation.

LAW SCHOOL ONLY

November 29, 2010, Monday
Last day of classes

November 30, 2010, Tuesday
Reading Day

December 1-10, 2010
Wednesday-Friday
Final Examinations

February 2, 2011, Wednesday

Early Warning Progress Reports due in Banner by 5:00 pm.

February 9, 2010, Wednesday

Last day to withdraw from the University with a prorated bill adjustment and/or refund. Last day for Deans to submit course offerings for the Summer Sessions and Fall Term 2010.

February 11, 2010, Friday

Last day for filing applications for the Masters foreign language examinations to be taken this semester.

February 26, 2011, Saturday
Foreign Language examinations for Masters candidates.

March 1, 2011, Tuesday

Mid-Term Progress Reports due in Banner by 4:00 pm.

March 3, 2011, Wednesday

Last day for undergraduates to withdraw from a class or the university with a **WC** grade.

March 5, 2011, Saturday

Spring Break begins after Saturday classes. Residence Halls close at 12:00 noon.

March 13, 2011, Sunday

Residence Halls re-open at 12:00 noon.

March 14, 2011, Monday

Classes resume at 8:00 am; Registration opens for Summer Sessions and Fall 2011. Last day to file applications for admission to candidacy for graduate students planning to complete degrees this semester.

March 17, 2011, Thursday General Faculty Meeting.

March 25, 2011, Friday

Last Day for filing applications for the Masters written examinations to be taken this semester.

April 7, 2011, Thursday

Law students follow Monday's schedule

April 8, 2011, Friday

Honors Convocation at 10:00 am in the McLendon-McDougald Gymnasium (Classes should attend).

April 9, 2011, Saturday

Written examinations for Masters degree candidates.

April 15, 2011, Friday

Last day of classes for Law students.

April 16, 2011, Saturday

Reading Day for Law students.

April 22, 2011

Good Friday Observance – no classes.

April 18-28, 2011, Monday - Thursday

Final examinations for Law students.

April 29, 2011, Friday

Last day to submit thesis/projects for this semester. Last day of classes for all students. Last day for graduate students to withdraw from a class with a **WC** grade.*

May 2, 2011, Monday

Reading Day for all graduating students.

May 3-4, 2011, Tuesday – Wednesday

Final examinations for graduating students beginning 8:00 am.

May 3-9, 2011, Tuesday - Monday

Final examinations for non-graduating students.

May 5, 2011, Thursday

Final grades for graduating students due in Banner by 9:00 am.

May 9, 2011, Monday

All grades due in Banner by 9:00 am.

May 13, 2011, Friday

Alumni Day. Commencement Rehearsal at 11:00 am. Chancellor's Reception for

graduating students and their families,
6:00 pm, Alfonso Elder Student Union

May 14, 2011, Saturday

Commencement Exercises at 8:00 am.
Residence Halls close at 12:00 noon for
non-graduating students.

LAW SCHOOL ONLY Spring 2011

January 10, 2011, Monday
First day of classes

January 14, 2011, Friday
Late Registration and Drop/Add

April 20, 2011, Wednesday
Last day of classes

April 21-22, 2011,
Thursday - Friday
Reading Day

April 23-May 4, 2011
Saturday - Wednesday
Final Examinations

May 9, 2011, Monday
Grades due in Banner for
graduating students.

Summer 2011

May 22, 2011, Sunday

Residence Halls open at 9:00 am

May 23, 2011, Monday

Registration for all students. First day of
classes for Law students.

May 24, 2011, Tuesday

First day of classes for non-Law
students. **Late Registration/Schedule
Adjustment Period** begins.

May 25, 2011, Wednesday

Schedule Adjustment concludes at 4:00
pm. **ALL REGISTRATION ACTIVITIES
FOR FIRST AND DUAL SESSIONS**

END AT 4:00 pm. Course schedules
canceled for students who have not
made satisfactory payment
arrangements by 4:00 pm. Last day to
withdraw from the University with a
tuition adjustment and /or refund.

May 30, 2011, Monday

Memorial Day Observance, no classes.

June 7, 2011, Tuesday

Equivalent 10-day census date.

June 13, 2011, Monday

Last day for undergraduates to
withdraw from a class with a WC grade.

June 15, 2011, Wednesday

Teachers' Session classes begin; **ALL
REGISTRATION ACTIVITIES END FOR
TEACHERS' SESSION.**

June 15, 2011, Wednesday

Last day for filing application for the
Master's foreign language examination
to be taken this summer.

June 25, 2011, Saturday

Foreign language examinations for
Master's degree candidates.

June 27, 2011, Monday

Last day of classes. Last day to submit
thesis/projects for this summer session.
Last day for graduate students to
withdraw from a class with a **WC** grade.

**June 28-29, 2011, Tuesday -
Wednesday**

Final examinations

June 30, 2011, Thursday

Residence Halls close at 10:00 am (First
Session Only) Final grades for First
Summer Session due in Banner by 4:00
pm.

June 30, 2011, Thursday

First day of Registration. Eagle Institute
for new students. Last day of classes for
Teachers' Session.

SECOND SUMMER SESSION, 2011

July 3, 2011, Sunday

Residence Halls open at 9:00 am.

July 5, 2011, Tuesday

Registration for all students, 1st day of
classes for Law students.

July 5, 2011, Tuesday

First day of classes for non-Law
students. **Late registration/Schedule
Adjustment Period** begins.

July 6, 2011, Wednesday

Schedule Adjustment concludes at 4:00
pm. **ALL REGISTRATION ACTIVITIES
FOR SECOND SESSION END
AT 4:00 pm.** Course schedules canceled
for students who have not made
satisfactory payment arrangements by
4:00 pm. Last day to withdraw from the
University with a tuition adjustment
and/or refund.

July 14, 2011, Thursday

Last day for filing application for the
Master's Written Examination to be
taken this summer.

July 14, 2011, Thursday

Last day for undergraduates to
withdraw from a class with a **WC** grade.

July 18, 2011, Monday

Equivalent 10-day census date. Eagle
Institute for new students.

July 23, 2011, Saturday

Written examination for Master's
degree candidates. Eagle Institute for
new students: Freshmen and transfers.

August 4, 2011, Thursday

Last day of classes. Last day to submit
thesis/projects for this summer session.
Last day for graduate students to
withdraw from a class with a **WC**
grade.*

August 5-6, 2011, Friday-Saturday
Final examinations

August 7, 2011, Sunday

Residence Halls close at 12:00 noon.
Final grades for Second Summer
Session due in Banner by 4:00 pm

***Law students may withdraw from a class
with a WC grade until the day of the final
examination.**

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History of the University of North Carolina

Mission Statement

In North Carolina, all public educational institutions that grant baccalaureate degrees are part of the University of North Carolina. North Carolina Central is one of the 16 constituent institutions of the multi-campus university.

The University of North Carolina, chartered by the N. C. General Assembly in 1789, was the first public university in the United States to open its doors and the only one to graduate students in the eighteenth century. The first class was admitted in Chapel Hill in 1795. For the next 136 years, the only campus of the University of North Carolina was at Chapel Hill.

In 1877, the N. C. General Assembly began sponsoring additional institutions of higher education, diverse in origin and purpose. Five were historically black institutions, and another was founded to educate American Indians. Several were created to prepare teachers for the public schools. Others had a technological emphasis. One is a training school for performing artists. In 1931, the N. C. General Assembly redefined the University of North Carolina to include three state-sponsored institutions: the campus at Chapel Hill (now the University of North Carolina at Chapel Hill), North Carolina State College (now North Carolina State University at Raleigh), and Woman's College (now the University of North Carolina at Greensboro). The new multi-campus University operated with one board of trustees and one president. By 1969, three additional campuses had joined the University through legislative action: the University of North Carolina at Charlotte, the University of North Carolina at Asheville, and the University of North Carolina at Wilmington.

By 1971, the General Assembly passed legislation bringing into the University of North Carolina the state's ten remaining public senior institutions, each of which had until then been legally separate: Appalachian State University, East

Carolina University, Elizabeth City State University, Fayetteville State University, North Carolina Agricultural and Technical State University, North Carolina Central University, the North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem State University. This action created the current 16-campus University. (In 1985, the North Carolina School of Science and Mathematics, a residential high school for gifted students, was declared an affiliated school of the University; and in 1996, Pembroke State University was renamed The University of North Carolina at Pembroke through legislative action.)

The UNC Board of Governors is the policy-making body legally charged with "the general determination, control, supervision, management, and governance of all affairs of the constituent institutions." It elects the president, who is the chief executive officer of the University. The 32 voting members of the Board of Governors are elected by the General Assembly for four-year terms. Former board chairmen and board members who are former governors of North Carolina may continue to serve for limited periods as non-voting members Emeriti. The president of the UNC Association of Student Governments, or that student's designee, is also a non-voting member.

Each of the sixteen constituent institutions is headed by a chancellor, who is chosen by the Board of Governors on the president's nomination and is responsible to the president. Each institution has a board of trustees, consisting of eight members elected by the Board of Governors, four appointed by the governor, and the president of the student body, who serves ex-officio. (The NC School of the Arts has two additional ex-officio members.) Each board of trustees holds extensive powers over academic and other operations of its institutions on delegation from the Board of Governors.

North Carolina Central University Mission Statement

The following mission statement was formally adopted by the Board of Trustees of North Carolina Central University in July of 2004.

North Carolina Central University is a comprehensive university offering programs at the baccalaureate, master's, and selected professional levels. It is the nation's first public liberal arts institution founded for African Americans. The university maintains a strong liberal arts tradition and a commitment to academic excellence in a diverse educational and cultural environment. It seeks to encourage intellectual productivity and to enhance the academic and professional skills of its students and faculty.

The mission of the university is to prepare students academically and professionally to become leaders prepared to advance the consciousness of social responsibility in a diverse, global society. The university will serve its traditional clientele of African American students; it will also expand its commitment to meet the educational needs of a student body that is diverse in race and other socioeconomic attributes.

Teaching, supported by research, is the primary focus of the university. As a part of that focus, the university encourages the faculty to pursue intellectual development and rewards effective teaching and research. The university recognizes, however, the mutually reinforcing impact of scholarship and service on effective teaching and learning. North Carolina Central University, therefore, encourages and expects faculty and students to engage in scholarly, creative, and service activities that benefit the community.

Academic Standing and Accreditation

North Carolina Central University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, 1866 Southern Lane, Decatur, Georgia 30033-4097, (404) 679-4501, to award bachelor's and master's degrees.

The School of Law is accredited by the American Bar Association. The School of Business is fully accredited by the Association of Collegiate Business Schools and Programs and the Association to Advance Collegiate Schools of Business, programs in the School of Library and Information Sciences are accredited by the American Library Association, and the program in nursing is accredited by the Accrediting Services, National League for Nursing, Inc. Programs in the School of Education at the bachelor's and master's levels in early childhood education, elementary teaching, secondary teaching, and k-12 teaching; and at the master's level in educational communications and information technology, school principalship, supervision/curriculum development, and guidance counseling are accredited by the National Council for Accreditation of Teacher Education. All of these specialized accrediting bodies are recognized by the Council on Postsecondary Accreditation and the United States Department of Education.

Teacher education programs are approved by the North Carolina State Department of Public Instruction. The North Carolina Board of Nursing approves the nursing program. The School of Law is approved by the North Carolina State Bar council.

The Colleges of Behavioral and Social Sciences, Liberal Arts, and Science and Technology have fourteen accredited teacher education programs including: art education, biology education, chemistry education, family and consumer sciences education, health education, math education, French, Spanish, music education, physical education, physics

education, social science and birth to kindergarten. In addition, six programs in these Colleges offer graduate teacher education programs: biology, chemistry, family and consumer sciences, math, physical education, and social sciences. The Child Development Laboratory in the department of Human Sciences is accredited by the National Association for the Education of Young Children (NAEYC).

Specialized accreditations and/or certifications in the following areas contribute to the University's goal of ensuring academic rigor and integrity in all degree programs:

Athletic Trainer (Department of Physical Education)
Commission on Accreditation of Athletic Training Education

Chemistry
American Chemical Society

Communication Disorders (School of Education)
American Speech –Language-Hearing Association

Counseling (School of Education)
Council for Accreditation of Counseling and Related Educational Programs

Criminal Justice
North Carolina Criminal Justice Education and Training Standards Commission

History and Background

North Carolina Central University, a state-supported liberal arts institution, was chartered in 1909 as a private institution and opened to students on July 10, 1910. It was founded by Dr. James E. Shepard. From the beginning, when it was known as the National Religious Training School and Chautauqua, its purpose has been the development in young men and women of that fine character and sound academic training requisite for real service to the nation. To this end, the training of all

students has been entrusted to the most capable teachers available.

The institution's early years were characterized by a wealth of enthusiasm and high endeavor, but not of money. Private donations and student fees constituted the total financial support of the school, and the heavy burden of collecting funds rested on the President.

In 1915 the school was sold and reorganized, then becoming the National Training School. During this period of its history, Mrs. Russell Sage of New York was a generous benefactor of the school. In 1923, the General Assembly of North Carolina appropriated funds for the purchase and maintenance of the school; thus in that year it became a publicly supported institution and was renamed Durham State Normal School. Two years later, the General Assembly converted the institution into the North Carolina College for Negroes, dedicating it to the offering of liberal arts education and the preparation of teachers and principals of secondary schools.

At its 1927 session, the General Assembly began a program of expansion of the college plant to conform to the needs of an enlarged academic program. The interest of the Honorable Angus W. McLean, then Governor of North Carolina, and his belief in the institution, aided greatly in the promotion of this program. State appropriations were supplemented by a generous gift from B. N. Duke, and by contributions from citizens of Durham in 1929. The 1930's afforded federal grants and State appropriations for a new program of physical expansion and improvement of educational facilities; this program continued until the beginning of World War II.

The College was accredited by the Southern Association of Colleges and Secondary Schools as an "A" class institution in 1937 and was admitted to membership in that association in 1957.

The General Assembly of 1939 authorized the establishment of graduate work in liberal arts and the professions. Pursuant thereto, graduate courses in the Arts and Sciences were first offered in that same year; the School of Law began operation in 1940, and the School of Library Science was established in 1941.

In 1947 the General Assembly changed the name of the institution to North Carolina College at Durham.

On October 6, 1947, Dr. Shepard, founder and President of the college, died. The Board of Trustees appointed an interim committee consisting of Dr. Albert E. Manley, Dean of the College of Arts and Sciences; Miss Ruth G. Rush, Dean of Women; and Dr. Albert L. Turner, Dean of the School of Law, to administer the affairs of the institution until the election of the second president.

On January 20, 1948, Dr. Alfonso Elder was elected President of the institution. At the time of his election, Dr. Elder was serving as the head of the Graduate Department of Education and had formerly been Dean of the College of Arts and Sciences. Dr. Elder retired September 1, 1963.

Dr. Samuel P. Massie was elected as the third President of the College on August 9, 1963. Dr. Massie came to the institution from Washington D. C., where he was Associate Program Director for Undergraduate Science Education at the National Science Foundation and Professor and Chairman of the Department of Pharmaceutical Chemistry at Howard University. He resigned on February 1, 1966.

The Board of Trustees appointed an interim committee consisting of Mr. William Jones, Business Manager; Dr. Helen G. Edmonds, Graduate Dean; and Dr. William H. Brown, Professor of Education, to administer the affairs of the institution until the fourth president took office.

On July 20, 1966, Dr. Albert N. Whiting was named fourth President of the institution. He came to North Carolina College from Baltimore, Maryland, where he had been Dean of the Faculty at Morgan State College. Dr. Whiting served as President and Chancellor from July 1, 1967, until his retirement June 30, 1983.

In 1969, the General Assembly changed the name of the institution to North Carolina Central University. On July 1, 1972, North Carolina Central University became a constituent institution of the University of North Carolina. On July 1, 1983, Dr. LeRoy T. Walker became interim Chancellor of the University. He had served the institution as Chairman of the Department of Physical Education and Recreation, Head Track Coach and Vice Chancellor for University Relations. At their February 1986 meeting, the University of North Carolina Board of Governors, at the request of the University's Board of Trustees, decreed that Dr. Walker was Chancellor of the University rather than Interim Chancellor and made that action retroactive to the beginning of his term.

Dr. Tyrone R. Richmond, formerly Dean of the School of Business, succeeded Dr. Walker as Chancellor on July 1, 1986. Prior to his arrival at North Carolina Central University, Dr. Richmond was Associate Dean and Professor at the School of Business and Public Administration at Howard University.

In December 1991 Dr. Richmond resigned as Chancellor to return to the classroom and was succeeded on January 1, 1992, by Dr. Donna J. Benson as Interim Chancellor. Dr. Benson was succeeded in January 1993 by Attorney Julius L. Chambers, former director of the National Association for the Advancement of Colored People Legal Defense Fund.

Mr. Chambers led the University for over eight years, stepping down on June 1, 2001. At that time, Dr. James H. Ammons, Jr., became the ninth chief administrator of North Carolina Central University. Prior to his election, Dr.

Ammons was the Provost and Vice President at Florida A & M University in Tallahassee, Florida.

Dr. Charlie Nelms became the tenth chief administrator of North Carolina Central University in August of 2007. He came with a “Destination Graduation” slogan. Prior to joining North Carolina Central University, Dr. Nelms served as Vice President for Institutional Development and Student Affairs for the Indiana University System.

The Faculty

North Carolina Central University seeks to attract and maintain an outstanding faculty of individuals who are capable of contributing to the enrichment of its educational and research programs. The University’s faculty members come from all sections of the United States as well as from several foreign countries, bringing to the campus a rich diversity of training and experience.

In addition to the primary responsibility of instruction, faculty members actively engage in research and other creative pursuits. Research interests are widespread among the various disciplines and the faculty eagerly compete to bring grants to the University. Much of this research result in books, scholarly papers and presentations at professional conferences, bringing acclaim both to the individual faculty members and to the University. Faculty members are also encouraged to participate in the activities of the community at large as well as the University community. Many participate in government, business, educational, artistic and other endeavors that enrich the Durham community.

The Campus

North Carolina Central University is located in the eastern section of North Carolina’s Piedmont, within the world-famous Research Triangle. The city of Durham, with a population of 218,179 is a part of a larger standard metropolitan area with 1,401,331 people. The

city is sufficiently large to afford to students the advantages of contacts with urban institutions. The University draws on the cultural resources of the city, state and nation in furthering the development of its students; it also encourages students who participate in worthwhile activities of the community.

The University is located in a community and region in which noteworthy efforts are evolving to utilize all available resources to the end of creating better environments for human development. Basic changes are taking place in the sociology and technology of the region. The University seeks to assist students to understand these changing situations so that as future community leaders, they may participate in guiding the dynamics of American society toward desirable goals.

Buildings

Sixty-two buildings of modern and modified Georgian brick construction are now located on North Carolina Central University’s 106-acre campus. All academic buildings, as well as the cafeterias and the student union, are completely air-conditioned.

The buildings are functional as well as aesthetically pleasing, and have been designed especially to meet the needs of the students and teachers who use them. They are also designed with the fact in mind that in a state-supported institution the people of the State are ever welcome visitors and resource persons who can make significant contributions to the overall development of the institution. Lounges, seminar rooms, auditoriums, and numerous utility services for the residents and visiting public are features of all the buildings.

Attractively landscaped lawns and the geometrically arranged walks and roadways blend with the natural scenery of the foliage and trees to provide the kind of beauty that the University traditionally has regarded as one of the essentials of educational experiences.

The Hoey Administration Building, with its statue of the school's founder, Dr. James E. Shepard, in front, is a focal point of the campus. In this building are located the institution's administrative offices as well as registration services, cashier, and the student accounting offices. The William Jones Building next to Hoey is the former home of the School of Law and now serves as home to the Office Of Institutional Advancement, and Career Services.

The newly renovated Alexander-Dunn Building, contains the Administrative offices of the University College and the Honors program. Services provided include Academic Advising, Academic Support, Developmental and Supplemental Learning/Reading Instruction, and Title III Retention and Academic Strategies to ensure student success.

The B.N. Duke Auditorium, also next to Hoey, seats 875 persons for theatrical and musical performances as well as other assemblies. It was named after a generous benefactor of the institution.

Facing the Fayetteville Street side of the campus are the Lee Biology Building and the Robinson Science Building.

The Mary M. Townes Science Complex at Concord and Lawson Streets now serves as home for the Biology, Chemistry, Environmental, Earth, and Geospatial Sciences, Mathematics and Computer Science and Physics Departments. These departments make up the College of Science and Technology.

The Helen G. Edmonds Classroom Building houses classrooms and seminar rooms for the Departments of History, Political Science, Sociology and Social Work.

The School of Business is housed in the recently renovated Willis Commerce Building. This building contains the most up-to-date classroom and seminar facilities as well as the School's own computing center for use by its

faculty and students and the University as a whole.

The Taylor Education Building contains the Department of Psychology, the Institute for Minority Issues, Graduate Studies Office, office space, classrooms for the Human Sciences Department, and swing space for offices displaced because of renovations.

The Human Sciences department is housed in the Dent Building, which contains classroom and laboratories for clothing and textiles, food and nutrition, family relations and child development, family resource management and housing and interior design. In addition, a biochemistry and a child development laboratory for children ages 3-5 occupy sections of the Dent Building.

The Miller-Morgan Health Sciences Building offers modern classrooms, clinical and laboratory space for the Departments of Nursing, Health Education, and ROTC. This building contains lounges for students and faculty, a learning resources center and an auditorium which seats 300 and is used extensively for community and University functions.

The Criminal Justice Department and the Public Administration Program are located in the Albert N. Whiting Criminal Justice Building, which was completed in 1984 and named after a former chancellor. This building offers up-to-date classrooms, seminar rooms, and laboratory facilities including crime and computer labs. The building also contains a library used by these disciplines.

The newly renovated Turner Law Building, facing the Alston Avenue side of the campus, houses the School of Law. The four-story building contains offices for student activities including the Law Journal, the Legal Clinic and other student activities as well as classroom space. The Law Library is also in the building and provides a comfortable environment for study and research.

The Leroy T. Walker Physical Education and Recreation Complex, named for a former chancellor, contains 102,000 square feet of offices, classrooms, sports facilities and laboratories. The Center is actually four structures joined together by enclosed stairs and walkways. These structures include an aquatics building which houses a 50-meter, Olympic-size swimming pool; an administration building which also contains classrooms, faculty offices, locker rooms, and a student center; a gymnasium building which includes dance studios, training and weight rooms, dressing and storage rooms, offices, two teaching theaters, and practice areas for archery, riflery, and golf; and a gymnastics building which includes a gymnasium designed for gymnastics and eight handball courts.

The Alfonso Elder Student Union, named for a former president of the University, contains student government offices, lounges for students, meeting rooms, a snack bar and cafeteria, a game room, barber shop, and the campus book store. Facilities are available for receptions, concerts and other public functions. The Fine Arts Building houses art studios and classrooms. The adjoining C. Ruth Edwards Building is the home of the Department of Music and includes practice studios and classrooms for music. The Edwards Music Building also contains rehearsal space for the band and a small concert auditorium. Connected to this building is the University's Art Museum.

The Farrison-Newton Communications Building contains the Departments of English, Modern Foreign Languages and Theatre. In addition to classrooms, laboratories, and seminar space and the WNCU Radio Station. The Communications Building also houses a modern 250-seat theater in which the University's acclaimed dramatic productions are presented.

One of the University's newest buildings is the Biomedical/Biotechnology Research Institute. The 3800 square foot facility contains twelve research laboratories, teleconferencing

capabilities, an auditorium, classrooms, and state-of-the-art telecommunications technology. The construction was completed in 1998.

Eagle Landing, a new 130,000 square foot coed residence hall, opened in January 1999. This facility has 536 rooms. There are eight other undergraduate student residence halls on the campus; all of which are coed.

The H.M. Michaux Building is a 103,000 square foot modern equipped building that was ready for occupancy in Fall 2000. The new School of Education is a state-of-the-art telecommunications technology facility, and adds an additional 100 parking spaces. This facility houses the School of Education, Information Technology, (The Early College High School is currently housed in the Robinson Science Building), Office of Research, Evaluation, and Planning, the University's Academic Computing Center, and the Extended Studies Program.

The Biomanufacturing Research Institute and Technology Enterprise Building (BRITE) houses the Pharmaceutical Science Bachelor and Master degree program. It contains state-of-the-art scientific, technological and, research equipment used in the biomanufacturing and technology industries. It was opened for classes in fall 2006.

Benjamin Ruffin Residence Hall was opened in 2007. Located off Fayetteville Street, it overlooks the University Circle and Hoey Administration building. The newest of all residence halls, Ruffin Hall will accommodate 344 students.

New Graduate Apartments are located off Lincoln and Cecil streets. Designed for graduate students, these apartments contain 32 units.

The renovation of the W.G. Pearson Cafeteria added two new conference rooms, Chancellor's dining room, a faculty dining room, a banquet

hall and a spacious open dining area for students with choices of six different cuisines.

Library Facilities

The mission of the libraries at North Carolina Central University is to provide resources and services, which support the University's educational research, cultural and public service objectives.

Library resources at North Carolina Central University are located in the James E. Shepard Memorial Library, The Music Library, the Library School of Library and Information Sciences, the Library of the School of Law, and the New School of Education Library. These libraries contain a total of over 850,000 volumes. They subscribe to a total of 6,165 periodicals. Access to these collections is provided by an integrated online catalog and circulation system.

In 1994, NCCU became a member of the Triangle Research Libraries Network (TRLN). TRLN is a cooperative comprised of libraries at Duke University, NCCU, UNC at Chapel Hill, and NC State University, with combined collections of over 10 million volumes.

NCCU students can borrow directly from any of the TRLN institutions by presenting a valid NCCU students ID card. Borrow privileges at TRLN libraries are extended to faculty staff and administrators who present a current University ID card. Additional library resources are available at the remaining thirteen institutions in the UNC system, which graduate students and faculty have direct borrowing privileges.

The James E. Shepard Memorial Library contains 498,000 volumes and 140,200 federal and state documents. Microform and an extensive inventory of full-text electronic databases are among the library's non-print resources. Some of the electronic databases can be accessed off-campus by students and faculty. An outstanding collection of books and pamphlets on African American life and culture

is found in the Treasure Room. Textbooks, curriculum guides, and non-print items in the field of education, are housed in the Curriculum Materials Center (CMC). Videocassettes and audiotapes are also part of the CMC collection. Work processing and Internet access are available on library computers for student use.

The Library was renovated in 2007 to offer a 100 seat computer laboratory.

The music Library, located on the third floor of the Edwards Music Building, contains an excellent collection of instrumental and vocal music, orchestral scores, and records, in addition to a carefully selected collection of books in the field of music. The Music Library is a branch of the Shepard Library.

The School of Library and Information Sciences Library, located on the third floor of the James E. Shepard Memorial Library, houses an outstanding collection of current materials and equipment to support the academic programs in Library Science and information Systems.

The Law Library's collection of over 302,772 volumes and volume equivalents include federal, state and regional reports, federal and state statutory compilations generally recognized texts, treatises, loose-leave services, legal periodicals and appropriate indices and digests required to access them. The library also maintains practice-oriented federal and state materials, a few non legal periodicals, some recreational reading. In addition to the traditional print and microform materials required to perform basic legal research, the library subscribes to several electronic resources including Westlaw, Lexis-Nexis, legal trac, and a variety of CD-ROM products. The Law Library is a selective depository for state and federal documents and maintains a special collection of civil rights legal materials called the McKissick Collection.

The Law Library is completely automated and provides reference services, interlibrary loan services, library tours, fax services, audiovisuals

and photocopiers. It maintains two computer labs for faculty and students. The computer labs provide access to Word Processing, the Internet, and Computer Assisted Legal Instruction (CALI).

Information Technology Services

The goal of Information Technology Services (ITS) is to provide our students with high-tech resources that enrich their learning experiences and increase their technological savvy. Upon graduation, our students are prepared to be technology literate within today's world of information.

The ITS provides a number of computing services to students including e-mail accounts and residence hall rooms wired to the campus-wide fiber optic network with a direct, high-speed connection to the internet. Students can also utilize several computing centers around campus and find wireless connections throughout the campus. In addition to these services, students have access to desktop support from skilled student technicians through our ResNet program.

The University is in the midst of major expansion and renovation projects aimed at outfitting the campus with technologically advanced facilities. One of the initial buildings to receive ITS-implemented upgrades was the Willis Commerce Building that houses the School of Business. Several classrooms have been outfitted with equipment including podiums with built in computers, motorized shades laptop connections, VCR and DVD players, electric projector screens and surround sound to give our students a modern learning environment. Two of the newest additions to our campus are the New Biomanufacturing Research Institute and Technology Enterprise Building (BRITE) and the Mary Townes Science Complex. The state-of-the-art equipment housed in these facilities make them two of the most technologically advanced science centers in the nation. Each classroom has dimmable

lights, VCR and DVD players, teleconferencing capabilities and touch screens, just to name a few of the pieces that make for a unique learning environment. With all of the services and equipment provided through ITS, North Carolina Central University students are guaranteed a quality academic experience.

Institutional Advancement

Private giving helps assure North Carolina Central University's excellence in higher education. The Division of Institutional Advancement plays a key role in seeking support from the private sector to enhance the programs in the various schools and colleges of the University.

North Carolina Central University's establishment of the Division of Institutional Advancement, formally the Office of Development Affairs, is charged with assisting in interpreting the University's mission through its Divisions and directors of several programs. These include Alumni Affairs, the Annual Fund, Majors Gifts, Planned Giving, Corporate and Foundation relations, Career Services, and the North Carolina Central University Foundation, Inc.

The Division of Institutional Advancement plans, coordinates, and implements fund-raising programs with students, alumni, parents, friends, corporations, and foundations. Its key role is making certain that the prominence and support of the University are maintained with private gifts that allow the University to fund programs, scholarships, fellowships, professorships, research, and other special events. Funds raised by Institutional Advancement are under the custodianship of NCCU Foundation Inc.

Gifts to North Carolina Central University further the cause of higher education, an element that is vital to our state and national survival. Additionally, contributions provide opportunities for our students to study in modern facilities, our faculty to further their

research in new and challenging areas. Donors earn membership and special recognition in giving to clubs and organizations.

University Career Services

The mission of the University Career Services is to facilitate and ensure growth, expansion and awareness of each student's career development process through interactive programs, technological initiatives, effective career assessments and employment opportunities. The Center serves as a focal point for students planning for the "world of work." For incoming freshmen, career inventories, profiles and surveys facilitate declarations of majors. Mentoring and coaching from alumni and corporate partners will also facilitate career and major decisions. For underclassmen, career counseling is provided to assist in determining career choices. For graduating seniors and graduate students, various programs are provided to aid the transition from the classroom to employment with the government, the public and private sectors. On-line service is available and allows students to access information through our website.

Numerous representatives from Fortune 500 and other companies throughout the United States visit University Career Services each year to conduct employment interviews with prospective candidates. Many graduate and professional schools visit or contact the Center seeking candidates for graduate study in areas such as business, law, medicine, social science, and the humanities.

Part-time jobs placements, internships, and cooperative education placements are available through an extensive "experiential learning program" to assist students with obtaining valuable work experience before graduation. Placements are in the governmental, private and public sectors. Some of these include serving as White House and Washington Center interns, working in the United States Congressional Offices or working in a major corporation such as GlaxoSmithKline, IBM, Ernst and Young, and Verizon.

The staff will work closely with the University College to insure freshmen and sophomores are provided career services needed during their first two years. Also, the University Career Services program provides a variety of professional and developmental workshops on topics such as resume writing, interviewing, professional dress, etiquette, managing stress in academia, and balancing a budget. Brochures, pamphlets, magazines, graduate school catalogs, company annual reports, videos, and other career related materials are available for students, faculty, and alumni to browse in the Glaxo Career Library. Appointments may be scheduled or a counselor may see students on a walk-in basis at anytime.

ACADEMIC COMMUNITY SERVICE LEARNING PROGRAM

Mission Statement

Consistent with the mission of the University, The Academic Community Service Learning Program (ACSLP) contributes to the preparation of local, state, national and international leadership through public and community service opportunities and service-based intellectual inquiry and research. The ACSLP provides a setting for the convergence of service and scholarship for NCCU students, faculty and staff.

GOALS

The Academic Community Service Learning Program (ACSLP) endeavors to provide outstanding service learning and community service activities for NCCU students, faculty and staff. The ACSLP facilitates and supports excellence in innovative teaching, learning and research through the alliance of intellectual theory and community-based practice across the academic spectrum.

The Program

The Academic Community Service Learning Program was established at North Carolina Central University in the 1990's. North Carolina Central University was one of the first institutions in NC, as well as one of the first HBCU's in the United States to establish a formal presence for the integration of community service and service learning within the academic setting. Students at NCCU utilize the community service and service learning programs organized through the ACSLP to gain valuable leadership and intellectual inquiry skills and to link academic theory to "real world" issues.

The ACSLP program has been a pioneer in Higher Education in expanding the classroom setting to include service to community. The University encourages all undergraduates to embrace the leadership skills, critical thinking skills and research training developed through community service.

All undergraduate students are required to earn 120 community service hours as part of the graduation requirement.

The ACSLP integrates service with the academic mission of NCCU in the following ways:

Faculty Fellows Program: To include at least two members of each College or School, the fellows will meet quarterly to further their understanding of service learning, develop new techniques for the delivery of service learning in teaching and research, and to explore avenues to integrate service learning within the curriculum of each campus academic unit.

The Academic Community Service Learning Advisory Board: This board has been reconstituted to include faculty, administrators and community representatives who meet at least twice each semester to provide support for, guidance of and promotion of service learning and community service as viable approaches that support intellectual inquiry and leadership development.

Faculty - Community Agency Symposium: This forum will be offered annually to assist community organizations and faculty to better understand the link between inquiry and practice. The Symposium provides a training and communication forum for faculty and community organizations who partner to provide academic service learning activities.

An Annual Recognition Banquet: to formally recognize and showcase student, faculty, staff and community achievements.

Annual Campus Wide-Service Project. Each year a campus-wide service project will be selected to highlight NCCU's mission "Truth and Service" through the tangible provision of concentrated service given by NCCU's students, faculty and staff. In 2008-2009, Habitat for Humanity was selected as the campus -wide service project.

Student Ambassador's Program

Students who are interested in public/community service careers or those who have a serious interest in volunteerism may apply for the ACSLP Ambassadors program. Applications and selections are made in the fall of each academic year. Students are assigned special projects to promote service at NCCU or to work with supporting agencies in the community to help strengthen the presence and the contribution of NCCU in the community.

Benefits Of Community Service And Service Learning

There are numerous benefits of the ACSLP including but not limited to the following:

- Faculty are supported in providing high quality service learning courses to undergraduate students.
- Faculty are resourced in demonstrating the link between theory and community issues/needs.
- Community service and service learning are proven strategies to support undergraduate retention.
- Students develop leadership skills and a sense of civic and social responsibility.
- Students learn reflective and analytical skills through service.
- Community agencies and the NCCU develop and strengthen a partnership for lasting campus and community civic sustainability.

The Program

The Academic Community Service Learning Program supports NCCU's mission of providing

leadership training and increasing the intellectual inquiry skills of students through a combination of scholarly inquiry and practical service.

The program is structured to support student, faculty, and staff involvement in direct community service learning activities either combined with a formal departmental course or through "service activities" sponsored by the ACSLP office, or departments, Colleges and Schools. The ACSLP office also registers more than 100 local agencies as official community service sites. Working with one of the many community service sites is one way students can earn the required 120 hours of community service credit.

The University requires all full time, transfer and re-admitted undergraduate students to complete **30 hours of community service for each academic year attending NCCU until the completion of the first four years on campus.** Therefore if a student has been enrolled for 3 years, the expectation is for (90) hours of service. If a student has been enrolled for four years, the expectation is 120 hours of completed community service. **After the completion of 4 complete academic years of enrollment and 120 hours of service, no further hours are required.**

HOW DO I EARN COMMUNITY SERVICE HOURS?

Community Service:

More than 100 agencies and organizations are registered with the ACSLP office. The ACSLP has job descriptions of volunteer service in almost every academic field and something to suit every interest. Hour -by-hour service counts toward the university service requirement.

Service Learning

The ACSLP is working with every School, College, and Academic Department on campus to register service learning courses. If you are

enrolled in a service learning course in any Academic department, you can receive community service credit if you complete the course successfully. Credit earned is based on the number of hours your professor has listed on the syllabus.

Selected One Time Events

“One-time events” are sponsored each semester to encourage everyone on campus to remember the University’s commitment to service. Each year a service theme is selected and at least one campus-wide event is held each semester. These events are usually worth up to 15 hours of community service credit.

Schools, Colleges, and Departments can also sponsor one-time events. If these events are registered with the ACSLP office, students can receive up to 15 hours credit per semester for participation.

ACSLP And Research

We encourage faculty and students to develop service learning research projects that combine critical inquiry with civic engagement. Each year, the ACSLP will sponsor a workshop to assist faculty and students to consider utilizing civic engagement/action research methods. Civic Engagement research is an excellent tool for upper level courses, completing independent assignments, and for faculty to utilize in research.

Utilizing Civic Engagement /action research meets university goals and enhances university-community collaboration.

COMMONLY ASKED QUESTIONS ABOUT COMMUNITY SERVICE/SERVICE LEARNING

What activities constitute acceptable Community Service? Community Service is conducted when students are engaged in the following activities:

- Students are placed in a community-based public or private organization through the ACSLP program. The placement will involve approved sites selected by the ACSLP to provide NCCU students with optimal opportunities to link theory with practice
- Students participate in a service learning course that has been registered with the ACSLP Program.
- Students participate in one-time events hosted either by academic departments or student ACSLP. All one-time events must be registered with the ACSLP.
- Students participate in approved practicum courses, internships or other courses that combine theory with practical volunteer hours served in the community. All hours served in the community must be volunteered. Internship and Practicum courses must be registered with the ACSLP.

Who is exempt from Community Service?

Students who have graduated from NCCU after completion of a four-year degree and are returning for a second degree are exempt from the service requirement. Additionally, all current seniors who have re-enrolled at NCCU and were classified as a senior before 1995 are exempt.

Why are we required to complete community service?”

NCCU’s motto is “Truth and Service”. Dr. James Shepard, NCCU’s founder thought that service was an essential element of a college education. In today’s competitive world, the character, commitment and sense of purpose developed through community service provide NCCU students a clear and consistent advantage.

What will happen if I fail to complete community service?

If the community service requirement is ignored, students will have their accounts flagged. A student will be unable to register for future courses until the service requirement is met. Continued deficits in service will jeopardize graduation.

TRANSPORTATION

Transportation is provided to placement sites within a 15 minute driving distance from campus. Transportation services depend upon the availability of resources.

OTHER RESOURCES AVAILABLE THROUGH ACSLP

America Reads Program

America Reads Program is a national literacy effort seeking to involve college students as volunteer tutors. Students work in community

schools and organizations to help young children improve reading skills.

America Reads is a work-study funded program and students can earn work-study funding while participating in this volunteer activity. Students must complete an application with ACSLP to become eligible for the America Reads program.

Focus on Retention

The ACSLP has initiated a "Focus on Retention" initiative to help faculty and students to capitalize on the research-based connection between community service/service learning and college retention.

Civic Leadership Initiative

The ACSLP provides technical support to the Community Agencies and organizations that partner with us to provide valuable experiences to NCCU students. In the future, a Civic Leadership Institute for students, faculty and community will be offered through ACSLP to learn the theory and practice of civic engagement and community participation.

Undergraduate Admissions

General Requirements

North Carolina Central University is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, age, or handicap. Moreover, NCCU is open to people of all races and actively seeks to promote racial integration by recruiting and enrolling a culturally and racially diverse student population.

NCCU accepts qualified high school graduates who have never attended college and those who have previously attended college. The Undergraduate Admissions Office serves as the point-of-entry for all undergraduate students, whether on-campus or via distance education, who wish to pursue a degree program or who wish to take courses for credit. Applications are reviewed and admissions decisions are made on a “rolling” basis throughout the year. In addition to leadership participation and community service activities, the admissions decision is based on an evaluation of the high school record and/or college record together with the results of standardized tests.

Each Undergraduate Admissions staff member strives to give each applicant the full attention deserved by responding as promptly as possible. Applicants can assist by submitting the information requested in a timely manner. All communications regarding application status and admissions related issues must be addressed to the Undergraduate Admissions Office.

NORTH CAROLINA LAW REQUIRES THAT AN IMMUNIZATION RECORD FOR EACH NEWLY ADMITTED (OR READMITTED) NORTH CAROLINA CENTRAL UNIVERSITY STUDENT (UNDERGRADUATE, GRADUATE, PROFESSIONAL OR SPECIAL STUDENT) BE ON FILE AT NCCU

PRIOR TO ENROLLMENT.

The application deadline for freshmen is AUGUST 1. Applications received after that date will be considered on a space available basis. For priority consideration for fall admission, transfers should apply by JULY 1. The final deadline for transfer applications and all credentials is AUGUST 1. International applicants must submit all documents by MAY 1. For priority consideration for spring admission, candidates should apply by NOVEMBER 1. The final deadline is DECEMBER 1. International spring applicant must submit all materials before OCTOBER 1. Applicants must supply the following*:

- Completed Application with Residency information and a \$40 non-refundable processing fee. (fee subject to change)
- Official high school transcript sent from the institution.
- Official results of the SAT I (the College Board code number for NCCU is 5495) or ACT (NCCU code number 3132) (freshmen only).
- FAFSA Code is 002950.
- Official transcripts of ALL college course work (if applicable) sent from the institution.
- List of courses in progress.
- International students MUST contact the Undergraduate Admissions Office to request additional requirement information in addition to the enclosed forms.
- NCCU will only accept the College Board Fee Waiver (available through your high school counselor) from freshmen applicants.

- Applicants must meet minimum academic criteria for consideration.
- Supportive information such as essays and recommendations are welcomed. No faxed copies of required documents, please!
- Satisfactory class rank with a grade point average of at least 2.0.
- Leadership and service opportunities. Evidence of participation in scholastic, community and civic organizations including leadership participation.

Students should give the application procedures their top consideration. Admission to North Carolina Central University is NOT contingent upon eligibility of financial aid or housing, nor contingent on preferred class scheduling. However, students who are admitted early have the best opportunities for consideration of scholarships and financial aid, residence hall assignments, orientation, class registrations and more. Students who prefer to apply online may do so at www.nccu.edu.

Admissions | Freshman

Minimum standards for freshmen admissions to NCCU include the 1990 Minimum Admissions Requirement (MAR) and the 2004 Minimum Course Requirements as determined by the Board of Governors for all sixteen campuses. Admission to undergraduate study at NCCU, as a freshman, is moderately selective for North Carolina residents and more selective for out-of-state residents. By State guidelines, no more than 18% of the freshman class may come from out-of-state. Applicants are considered individually and in accordance with the following criteria:

- Evidence of MCR, academic achievement and promise with considerable facility in the use of the English language and with an understanding of the fundamental mathematical process.
- Complete record from an accredited secondary or preparatory school with graduation based on no fewer than 20 units.
- Competitive SAT/ACT Score

- All applicants for undergraduate admission must submit a standardized test score. The SAT I is preferred, but students may also submit the ACT. Students applying for admission for fall 2006 or thereafter must submit either the new SAT I (which includes the writing component) or the ACT with the writing component. The ACT without the writing component is not acceptable as a standardized test for admission.

Writing skills are keys to college success. Information received from the SAT essay serves as a useful tool for placement and advising purposes. Consistent with most institutions nationally, North Carolina Central University will use the Writing scores for advisement.

The minimum course requirements (MCR) for North Carolina Central University and the University of North Carolina (UNC) system are the same and high school graduates are eligible for consideration if they successfully complete the following in grades 9–12:

In English, four course units emphasizing grammar, composition, and literature;

In Mathematics, four course units including Algebra I, Algebra II, Geometry, and a higher level mathematics course for which Algebra II is a prerequisite;

In Science, three course units including one unit in a life or biological science, one unit in a physical science, and one unit in a laboratory science course;

In Social Studies, two course units, including one unit in United States History;

At least two course units of one foreign language.

It is also recommended that prospective students take one mathematics course unit in the twelfth grade.

Students who graduated from high school prior to 2006 should contact the Undergraduate Admissions Office to determine specific high school course requirements for Admission.

Admissions | Transfer

For a transfer student at the undergraduate level, admissions to the University is governed by the following standards:

- The transfer applicant must not presently be on probation at the last or current school of attendance and must submit the required Statement of Confidential Information Form from the LAST institution enrolled. The transfer applicant has not been suspended or expelled from the last or current institution.
- The transfer applicant has a cumulative average of at least a “C” in the institution from which transferring and is eligible to return to that institution.
- Leadership and service opportunities. Evidence of participation in scholastic, community and civic organizations including leadership participation.

Transfer students who have attended another college or university, but have earned less than thirty (30) semester hours of specific acceptable credit, must meet all freshmen requirements. However, transfer applicants may be exempt from freshman requirements and from sending high school transcripts and/or standardized test scores who fall under the following categories:

- Category 1: Applicants who were awarded the high school diploma prior to 1988 and/or are at least twenty four (24) years old prior to the beginning of classes and have completed thirty (30) semester hours of degree creditable work.
- Category 2: Applicants who have the associate of arts, the associate of science, or the associate of fine arts, the baccalaureate or any higher level degree.
- Category 3: Applicants who have completed a degree under an articulation agreement.
- Category 4: Applicants who have completed eight (8) semesters of degree creditable work in each of the following areas: English, Mathematics, the Natural Sciences, and the Social and Behavioral Sciences and Foreign Language.

No course is accepted as a transfer course in which a grade below “C” is earned. Accepted courses are recorded to the student’s transcript: grades and grade points are not calculated. The University does not accept transfer credit from challenge examinations or for course work where grades of P/F have been given. The maximum number of transferable credits is 64 semester hours from a 2-year college. There is currently no limit for transferring credits from 4-year institutions.

Credit For Advanced Standing (Advanced Placement / International Baccalaureate)

Credit for advanced standing will be awarded according to the following regulations:

- The appropriate semester hours of credit will be awarded for all community college or university work in which the student has earned a grade of “C” or better, provided that the institution from which the credit is being transferred is

accredited by its regional accrediting agency and/or its State Department of Education. No quality points or grades are listed for work accepted as transfer credit.

- Credit for formal advanced placement programs (AP/IB) and credit by formal examination programs are awarded in accordance with the appropriate national norms established for such programs. These norms and standards are available in the undergraduate Admissions Office and the University Testing Center.
- After matriculating at NCCU, a student may not pursue courses of any type at another institution without obtaining, in advance of registration for such courses, written permission from the dean of the school or college in which the student is registered at NCCU. Work taken without prior approval may not be accepted by NCCU.

Admissions | Special Students | Unclassified

Special students are those who are not candidates for degree at the present time. This category includes 1) visiting students, and 2) persons who have not enrolled for one academic year and are ineligible for admissions as a transfer student. The University welcomes into this admission status persons who are pursuing degrees elsewhere, or who desire to earn prerequisites for graduate work. Such students may register upon the presentation of a signed statement from the appropriate official of his/her institution or certifying agency specifically listing and approving the courses to be taken. Such enrollment does not constitute regular admission to the University.

- To apply for this category of admissions, the applicant must submit an application for admission with the \$40 application fee as well as the Statement of Confidential Information Form from the LAST institution enrolled, and must provide supporting documentation as appropriate. Transcripts from all colleges and

universities attended are required if the applicant plans to enter degree-seeking status at a later date.

- Visiting students must submit a transient course study form from the home institution that has been approved by the department chairperson, academic dean and the University Registrar.
- All others must provide evidence of readiness to pursue the courses desired and a statement of objective and purpose related to the request for special student admission.
- Special students may register for no more than twelve semester hours. After completing one semester of full-time study, or its equivalent, the unclassified student may petition the Admissions Office to be admitted to the University as a regular degree seeking student on the basis of their academic accomplishments.

SPECIAL NOTE: Designation as unclassified may affect eligibility for veterans' benefits. Students expecting to apply for veterans' benefits should contact the Registrar's Office. Unclassified and special students are ineligible for financial aid. **ADMISSION IN THIS CATEGORY DOES NOT AUTOMATICALLY GUARANTEE ADMISSION AS A DEGREE-SEEKING NCCU STUDENT.**

Admissions | Former NCCU Students

Former North Carolina Central University students who wish to return to the University should apply for admission prior to August 1 for the fall semester or December 1 for the spring semester.

- All students who missed one or more semesters of attendance or who officially withdrew from the university must apply for readmission through their respective deans and the Registrars' Office. Students who have attended another institution since their last enrollment at NCCU must have

official transcripts from such institutions sent to the Registrars' Office before they can be considered for readmission.

- No application fee is required for NCCU Re-Admit students who have not yet earned a degree. A student who has been expelled from NCCU for any reason cannot be readmitted at NCCU or admitted to any UNC System institution.
- All students who withdraw from the University voluntarily or who are suspended must obtain permission to return before resuming their studies at the University. The request must be in the form of an application for re-admissions in the Registrars' Office. However, academic deans in the students' respective major must be involved in readmitting students to NCCU. Before a student who voluntarily leaves or withdraws is re-admitted, his or her academic record is reviewed. If the student did not attain the minimum academic performance level for the number of semester hours enrolled at the University, the request for re-admission is subject to be denied.
- Former students who have been dismissed from the University for failure to meet the scholastic eligibility requirements may appeal to the Academic Appeals Committee in the department or school of the student's major for a review of their case. The appeal should be addressed to the Academic Appeals Committee. Applicants should not present themselves for re-enrollment until they have received a reply from the Committee. Appeals should reach the Committee at least 30 days prior to the beginning of the term in which the applicant expects to register. Former students whose attendance has been interrupted by the University for disciplinary reasons must apply to the Vice Chancellor for Student Affairs for a review

of their case for possible re-admission.

Admissions | International Students

North Carolina Central University welcomes international students. These students, in addition to meeting the regular freshman or transfer requirements, must submit the International Applicant Supplemental Form and present evidence of their proficiency of the English language and meet fully the financial obligations associated with their study at the University. Results of the TOEFL examination (Test of English as a Foreign Language) or SAT or ACT test scores, a financial responsibility statement, and proof of accident and hospital insurance must be submitted along with the application for admission. All materials for admission must be in the appropriate admissions office no later than three (3) months prior to the student's planned enrollment. Applicants for admission who submit foreign transcripts must pay any costs associated with having those transcripts translated and/or evaluated before they can be admitted.

Admissions | Second Degree Undergraduates (Non – NCCU Graduates)

Students who already hold a baccalaureate degree from an accredited institution may apply to North Carolina Central University for a second baccalaureate degree by submitting an application for admission, along with a non-refundable \$40.00 application fee, to the Office of Undergraduate Admissions. Applicants must also have an official transcript of all previous college work sent to the Admissions Office from their previous institutions. See the catalog section, "DEGREE REQUIREMENTS," for

additional information on second baccalaureate degrees.

Admissions | Second Degree Undergraduates (NCCU Graduates)

Students who already hold a baccalaureate degree from NCCU may apply for a second baccalaureate degree by submitting an

application for admission; no application fee is required. The Office of the Registrar will confirm verification of degree earned. See the catalog section, "DEGREE REQUIREMENTS," for additional information on second baccalaureate degrees.

Admissions | Military Personnel and Veterans of the Armed Forces of the United States

North Carolina Central University is a member of Service members Opportunity Colleges (SOC), a consortium of over 1,800 colleges and universities that provide college-level educational opportunities for service members and their families. SOC colleges serve the National Guard, the Reserves, the Coast Guard, new recruits, and veterans, as well as the 400,000 active-duty service members. As a SOC member, NCCU:

- Recognizes the GED high school equivalency certificate/diploma;
- Recognizes learning gained from specialized training and experience in the military services;
- Recognizes that competency may be established by nationally recognized means, such as standardized tests;
- Maintains a flexible transfer of credits policy for the mobile, active-duty service member;
- Will allow service members to take up to 12 semester hours as an Unclassified Special Student. See section on "Admissions-Unclassified/Special Students";
- Conducts a timely evaluation of the educational records and relevant experiences of service members; and
- Completes a student degree completion plan for all degree-

seeking service members. Applicants must otherwise satisfy University admissions requirements.

Credits from Military Schools and Experience

Credits for courses from military service schools and for military service experience are based on recommendations in the *Guide to the Evaluation of Educational Experiences in the Armed Services*, published by the American Council on Education--commonly referred to as the "ACE Guide."

Students seeking credit must provide official documentation to the Office of Undergraduate Admissions as follows:

1. Copy of the DD 214 (Certificate of Release or Discharge from Active Duty), and
2. Copy of the service member's military transcript, obtainable on the web from the respective branch of service, such as the "AARTS" (Army/ACE Registry Transcript System), the "SMART" (Sailor/Marine/ACE Registry Transcript) and the "CCAF," the Community College of the Air Force.

Credit for Basic Health, Physical Education, Speech, and Military Science Electives.

Veterans, active duty service members, and members of the National Guard and Reserve Components may receive a total of four credits for two courses (basic health and fitness) and three credit hours for speech, upon completion of certain military courses approved by the student's appropriate academic Dean. In addition, up to twelve semester hours for military science electives may be awarded based on the number of years on active duty (for example, two semester hours for every year of active duty).

Second-degree or Licensure-only Teachers

The Second-Degree and Licensure-Only Programs are individualized programs that are based on a student's previous course work and experiences. Completion of either program requires the fulfillment of the same licensure program requirements as those for a traditional degree-seeking student. Typically, the designation "second-degree" refers to a student who has previously earned an undergraduate degree and who is seeking initial licensure. A second-degree student will be considered an undergraduate for tuition purposes and must apply for admission to the University through the Undergraduate Admissions Office.

Generally, the "licensure only" program is designed for students who have an advanced degree or who already hold a license in one area and want to "add on" another licensure area.

The licensure-only student will be considered a graduate student for tuition purposes and must apply through the Graduate Office in the School of Education. There is a \$25 non-refundable application fee. A Lateral Entry Teacher may pursue a second-degree or licensure-only program. A Lateral Entry Teacher is one who holds a current provisional license; is currently employed by a North Carolina School district; does not possess a teaching license and has not previously completed a teacher education program prior to application for initial licensure in North Carolina. Contact the TEP representative in the appropriate program area for specific program requirements. The TEP admissions process for students who possess an undergraduate degree is as follows:

- The student submits transcripts to the coordinator of the academic program in which he/she seeks licensure. (Second-degree students initially apply through

Undergraduate Admissions.)

- The coordinator evaluates the transcripts and submits the evaluation to the Director of Teacher Education for review.
- After the evaluation is reviewed, the papers are returned to the program coordinator.
- If not already done, the program coordinator interviews the student and shares the completed transcript valuation.
- If the student decides to enter the program and has at least a 2.5 GPA on a 4.0 scale, and with the recommendation of the coordinator, the student completes and submits a Teacher Education Program application to the program coordinator.
- The program coordinator forwards the application, transcript evaluation, and other appropriate materials to the licensure officer who presents the candidate for Teacher Education Program admission to the Teacher Education Council.
- Upon completion of the academic program, second-degree or licensure-only students must pass the specialty area test(s) or subject assessment(s) of Praxis II.
- When the scores are received, the student completes the necessary licensure forms and submits the appropriate fee to the Licensure Office. The Licensure Officer submits the documents to the NC Department of Public Instruction, the agency responsible for issuing teaching licenses.

Finances

Student Expenses

Payment of Fees and Expenses

The University requires all students to register for classes and to complete payment of all tuition, fees, and charges for the upcoming academic semester no later than the last day of the designated payment period in the Academic Calendar. The Administrative Management Services (AMS) Plan enables students to pay all or part of the annual tuition and fees in installments without interest charges. The AMS Plan may be used to supplement all other forms of scholarships, grants or loans. A valuable feature of the AMS Plan is Tuition Payment Insurance, which is provided at no charge. This insurance guarantees payment of the unpaid AMS contract balance to the school in the event of the insured person's death. Participation is on an annual basis. The annual enrollment fee is \$55, which is non-refundable. A \$20 late fee is incurred when a payment does not reach AMS by the 15th of each month.

The University Payment Plan is also offered to students with automatic enrollment when at least one-half (50%) of the current session's charges are paid before the end of the regular registration and payment period. Financial Aid Deferments, verifiable third-party promises, or other methods of payment can be used to cover the required one-half (50%) payment. There is a \$25 administrative charge to all accounts on the University Payment Plan. The Plan provides the student two additional payment dates for the remaining 50% account balance, which are September 10 and October 10 for the Fall Term, and February 10 and March 10 for the Spring Term. A \$20.00 late fee is incurred when payments are late under the University Payment Plan. In cases where a student will not be able to pay the full amount for a semester or summer session, he/she should secure assistance far enough in advance to avoid delay in registering or payment of bills when due. The

State Legislature and the University of North Carolina Board of Governors may approve adjustments in tuition and fees as conditions warrant during the academic year.

Students who do not register and complete at least one-half (50%) payment prior to the regular registration and payment period listed in the Academic Calendar will be charged a \$20 late fee.

The Board of Governors of the University of North Carolina reserves the right to change the charges for tuition, fees and the room and board rate at any time without prior notice.

Tuition and Fees

(In Effect at the Time of Publication: refer to the NCCU website for the most current information)

The University requires all continuing students (students enrolled the previous semester) to register for classes and to complete payment of all tuition, fees, and charges for the upcoming academic semester no later than the last day of the designated payment period. Students who do not complete payment by the end of the payment period will have all classes cancelled and must register again during the late registration period and pay a \$50 late registration charge. This may result in a change of the student's previous schedule if classes are closed. A payment plan is available through an outside agency. Students can obtain information from the Student Accounting Office and complete all arrangements before the date listed in the academic calendar as the final date of the "Registration and Payment Period."

Students are expected to have their bills paid in full before the first day of classes. Students who are receiving financial aid are expected to pay any portion of their bill not covered by financial aid before the first day of classes. Those students whose bills are not paid in full by the first day of classes or have not made payment arrangements, such as the payment plan, will be charged a late registration charge.

Money orders, cashier's checks, or personal checks should be made payable to "North Carolina Central University." The student's Banner Identification Number should be indicated on the money order or check to ensure credit is given to the correct student's account. MasterCard and VISA are also accepted. Payments may be made in advance, in person, by mail, or on-line with credit cards.

Mail payments should be sent to:

NCCU,
c/o Comptroller
P. O. Box 19713
Durham, NC 27707

Payments should be received by the Cashier's Office no later than the last day of the designated payment period in order for student to retain current classes. It is a student's responsibility to verify receipt of a mail payment in the Cashier's Office by calling, coming by, or checking with the bank for check clearance.

A student's grades, transcript, degree, or diploma will not be released to students until all financial obligations to the University, other than student loans, are paid in full. North Carolina State law requires that all previously incurred expenses and accounts at North Carolina Central University must be paid in full prior to pre-registration or registration for a new term. Delinquent student accounts will be turned over to the State Attorney General's Office or to a collection agency.

A student is not officially registered in any classes until all tuition and fees are paid for the semester. Students enrolled in classes are subject to being dropped for the semester if all tuition and fees have not been paid by the payment deadline for the semester. Students who are dropped from classes for non-payment will not be allowed to re-enroll in classes until the next semester.

Undergraduate Fees and Expenses

2009-2010 Academic Year Fees & Tuition

Undergraduate Tuition, Fees And Charges
(Subject to Change)

In-State Students \$4,185.90

Out-Of-State Students \$13,929.90

Post-baccalaureate students not in a master's degree program will be charged at the graduate rate unless they are seeking a second baccalaureate degree.

Miscellaneous Charges (Subject to Change)

Auditing a Course – charges are the same as for taking a course for credit.

Application for Admission	\$ 40.00
Certification-Only Applications	25.00
For School of education	
(Plus \$10.00 for each specialty area)	
Telephonic registration	10.00
Dormitory Damage (Deposit (one-Time)	50.00
Dormitory Security (Annual Charge)	75.00
Graduation (Diploma)Application Charge*	
Undergraduate Students	10.00
First professional law and graduate students	12.00*
Late Registration	50.00
Transcripts	5.00
Thesis Binding (4)	40.00
Student Records Copying Charge/per page	.50
I.D. Card Replacement	20.00
Key Duplication	25.00
New Key Replacement (Cylinder and Key)	25.00
Vehicle Registration and Parking – Annual Charge	300.00
Student Health & Accident Insurance	516.00
Annual Charge	
Mail Box Rental – Annual Charge	30.00
Returned Check for Insufficient Funds	25.00
Administrative Charge – University	25.00
Payment Plan	
Late Charge – University Payment Plan	20.00

*Diploma fees are charged every term a student applies for graduation. If a student does not graduate during the term for which he/she applies, no adjustment is made on the student's account. The student must apply again for graduation during the term he/she expects to complete all work and another diploma fee will be charged and must be paid for that term. Diplomas are ordered whenever a student applies for graduation. If the student does not complete the requirements for graduation that term, the diploma is invalid.

Student Health Services Treatment and Procedures

Miscellaneous fees are charged by Student Health Services for a variety of medical treatments/procedures available to students on an as-needed basis. A listing is available from Student Health Services.

General and Special Fees (Subject to Change)

Educational and Technology Fee	\$ 335.00
Student Athletic Fee	507.46
Accident & Sickness Insurance	516.00
Medical Fee	198.00
Student Activities Fee-Undergraduate	371.06 *
Special Student Activities Fee-Graduate	344.88
Special Student Activities Fee – Law	403.00*
Student Government Fee	1.00
Special ADA Dietetic Internship Program	120.00
Debt Service Fee	120.00
Special Nursing Technology Support	50.00
Lyceum Fee	25.00
Transportation Fee	50.00
Web Registration Fee	10.00

*Includes support for the Student Union (Campus Center)

Tuition and Fees for Part-Time Students

All undergraduates who carry twelve or more hours, and graduate or law students who carry nine or more hours must pay full tuition and fees. Students who carry less than the full-time

load must pay the following tuition and fees per semester.

Part-Time Student Tuition and Fees 2009-2010 ACADEMIC YEAR

Resident	Undergraduate (subject to change)	
	In-State	Out-of-State
1 hour	\$ 1,247.40	\$ 3,683.40
2 hours	1,363.30	3,999.30
3 hours	1,479.20	3,999.30
4 hours	1,595.10	4,031.10
5 hours	1,711.00	4,147.00
6 hours	2,381.42	7,253.42
7 hours	2,497.32	7,369.32
8 hours	2,613.22	7,485.22
9 hours	3,283.62	10,591.62
10 hours	3,399.52	10,707.52
11 hours	3,515.42	10,823.42

North Carolina Central University is a publicly supported institution. Tuition payments and other required student fees meet only part of the total cost of the education of students enrolled. On average, for each full-time student enrolled in an institution of the University of North Carolina, the State of North Carolina appropriates \$13,000 per year in public funds to support the education programs offered.

On-campus Students

The University has the capacity to house approximately 2,000 students. Dining facilities are available for use by all students.

The rate for residence halls is \$1,716.61 per semester for an air-conditioned room. The rate for the new residence halls with air conditioning is \$1,795.04 per semester, and the suite room with air conditioning is \$1,953.16 per semester. A limited number of apartments with cooking facilities are also available for graduate and law students. Single room apartments with air conditioning are \$2,032.86 per semester for George Street Apartments and \$2,989.20 per semester for Martha Street apartments.

Boarding Students

Undergraduate students who live in residence halls are required to purchase a meal plan that entitles them to eat in the University cafeteria. The Director of Food Service will work with students who have dietary problems, as far as it is feasible, in planning the necessary meals prescribed.

Four meal plans are available from the campus cafeteria for students. The 21-meal plan covers all meals each day of the week and costs \$1,291.10 per semester. The 15-meal plan covers all meals Monday through Friday and costs \$1,206.60 per semester. The 11-meal plan is for seniors only and costs \$1,142.00 per semester. The 10-meal plan is for privatized housing residents only and costs \$1,003.00 per semester. Food service is also available with a 20 meals-per-month plan for off-campus students and costs \$106.40 per month.

Students who plan to reside in a residence hall must submit a complete application for room and board along with a \$150.00 (new students) or \$200.00 (returning students) non-refundable deposit by July 1 for a one-year residency beginning with the fall semester. For spring semester residence, the \$150.00 or \$200.00 non-refundable deposit must be submitted by December 1. The housing contract is binding if a student enrolls in the University. Room reservations should be made early since there is usually a waiting list for campus housing.

On-campus students receive mail in a private key-locked mailbox located in the Student Union Building. The annual mailbox rental charge is \$30 and \$8 per summer session.

The University's Board of Trustees can change the on-campus living rate or the required deposit at any time without prior notice. To obtain additional information or to obtain an application, please contact:

Residence Operations
North Carolina Central University
Durham, NC 27707

Student Insurance

Health and Accident Insurance is mandatory for all students at the current cost of \$258.00 per semester, or \$516.00 annually for a 12-month period from August 14 to August 14. The cost is subject to change each year. The Student Health and Accident Insurance Policy is underwritten by the MegaLife and Health Insurance Company, and the carrier is subject to change or renewal each year. The plan has been designed to supplement the medical care furnished by the University's Student Health Services. Full information concerning benefits under this health and accident plan may be secured from Student Health Services.

Students with accident and sickness insurance are eligible to waive the insurance plan provided by the University. An insurance waiver may be obtained from the Student Health Services Office located in the Old Health Building, 1st Floor.

The deadline for submitting the insurance waiver for students enrolled for both fall and spring terms is before the first day of late registration. A new waiver is not required for the spring or summer terms for students who were enrolled in the previous fall term. The deadline for submitting the insurance waiver for students enrolled only in the spring term is before the first day of late registration. A new waiver is not required for the summer terms for students who were enrolled in the previous spring term. The deadline for submitting the insurance waiver for students enrolled only in the Summer I term is before the first day of late registration. A new waiver is not required for the Summer II term. The deadline for submitting the insurance waiver for students enrolled only in the Summer II term is before the first day of late registration. A new waiver must be

submitted each academic year, which begins with the fall term.

Students in the School of Law and the School of Library and Information Sciences must present their individual insurance cards to their respective schools to show proof of coverage and complete the Insurance Waiver form. The approved waiver form will be forwarded to the Student Health Services Office by the respective schools before the first day of late registration.

Motor Vehicle Registration and Parking Fees

Every motor vehicle (including motorcycles) parked on the campus by a North Carolina Central University student must be registered with the University. Registration forms may be obtained from the University Police Department and fees paid in the Cashier's Office in room 012 of the Hoey Administration Building.

Evidence of vehicle registration shall be the North Carolina Central University sticker or hang tag. The sticker must be displayed in the lower right front windshield of the motor vehicle or the rear fender of the motorcycle. The hang tag should be hung from the mirror on the front windshield facing outward. The current annual vehicle registration and parking fee for each vehicle operated is \$150. The payment of this fee gives the privilege of parking on campus; it is not a guarantee of a parking space. Student parking is confined to Zone A which consists of the following areas: Latham Hall parking lot, Chidley Hall parking lot, Nelson Street parking lot, Brant Street parking lot and St. Titus Church parking lot located on Moline Street. The fee for evening parking only (4 p.m. and later) is also \$150. Parking charges for summer sessions are prorated.

Only the following classifications of undergraduate students may own, operate and park motor vehicles on University grounds:

1. Undergraduates who have completed a minimum of 24 semester hours;
2. Commuter students who, upon academic registration, reside one or more miles from campus;
3. Undergraduates who provide documentation of off-campus employment to the University Police Office; and
4. Undergraduates who have a temporary or permanent disability and are registered with the Office of Student Support Services.

All undergraduate students must meet one of the above criteria (1-4) in order to own, operate and park motor vehicles on campus. Freshmen are not allowed to own, operate and park motor vehicles on campus unless criteria 2-4 apply as specified above. Students who have secured permission to operate automobiles are prohibited from using automobiles for travel to and from residence halls to classes, the cafeteria, the library, athletic events on campus and all other activities on campus, except between the hours of 5:00 p.m. and 7:00 a.m. weekdays and on holidays. Students who are found to have provided false information for purposes of securing on-campus parking will be fined and/or subject to disciplinary action under the Student Code of Conduct. Any such charges should be directed to the Dean of Students. Any exception to this policy must be made by the Student Welfare Advisory Board. Information on the appeal process for citations is provided by the University Police Department at (919) 530-5023.

Special Financial Information

Application Charge

Each application for a admission to the University must be accompanied by a non-refundable deposit of \$40.

Refunds of Tuition and Fees

Withdrawals

Students must officially withdraw from the University to receive a refund of tuition and fees.

If a student officially withdraws prior to the end of the official drop/add, late registration period (the first seven days of the semester), all tuition and other fees will be refunded.

If a student officially withdraws after the end of the official drop/add, late registration period, the student's bill will be reduced on a prorated basis. From the end of the official drop/add period until two weeks after the end of the drop/add period, 40% of tuition and fees will be refunded. From two weeks after the end of the official drop/add period until four weeks after the end of the drop/add period, 20% of tuition and fees will be refunded. Tuition and fees are not refundable after four weeks from the close of the official drop/add period.

If a student has received financial aid (other than College Work Study) and officially withdraws from the University during the academic term, a portion of the aid may need to be refunded to the Title IV programs or the student may need to repay a portion of the award funds received.

Reduced Loads

A student who drops courses such that the student is no longer full-time, or a part-time student who drops courses resulting in a reduced tuition level, will have the charges for tuition and fees reduced accordingly, provided the courses are dropped prior to the end of the official drop/add period. Financial aid awards will be adjusted accordingly. A student must carry 12 credit hours each semester of the academic year and at least six credit hours during each summer session to qualify for financial aid. Undergraduate students must

carry at least six credit hours and graduate students must carry at least 4.5 credit hours to qualify for financial aid during summer sessions.

No refunds will be made for courses dropped after the end of the official drop/add period.

Refunds of Room Charges

TERMINATION CHARGES FALL UNDER THE FOLLOWING CATEGORIES:

Daily Charges are calculated by dividing the number of days (check-in through last day of exams) per semester by the room cost.

- A. Buyout exception for category E. A student may find another student (not a current resident) to buy out the remainder of the Agreement. The student must meet all eligibility requirements to live on campus. Both students must contact the Residential Life office to process the buyout option.
- B. Students evicted from Residential Life will be responsible for payment of the entire semester's room rent.
- C. Daily Charges apply to Co-op, National Student Exchange or International Student Exchange Program participants and academic suspensions canceling room assignment.
- D. \$100 charge:
 - a. Students for the fall who cancel by Mar 21
 - b. Non-registered students for the fall or spring who cancel or do not move into the residence halls prior to the first day of check-in
- E. Registered students who cancel on or after Mar 21 up to the first day of check-in will pay fifty percent (50%) of the price of the full Agreement term.

- F. **Withdrawing from the University:**
Students will be charged the daily rate based upon the date of checkout from the residence hall.
- G. **Summer Sessions Only:**
- \$100 charge for students who cancel or do not move into the residence halls prior to the first day of check-in.
 - Fifty percent (50%) of the remaining session cost plus daily charges for students moving off campus during the session.
 - Non-registered students will pay \$100 plus daily charges.

Refunds

Financial aid deferments are not considered as payments but as used as temporary credits for registration processing. As a general policy, refund review for processing checks will be on Monday of each week and will be mailed or directly deposited into the student's requested bank account on Friday of each week, unless otherwise published. If a student desires to have their refund mailed, the student must provide a correct local address in the Student Accounting Office. The Student Accounting Office hours are from 8:30 a.m. to 4:00 p.m., Monday through Friday, with extended hours on Tuesdays until 7:00 p.m. The telephone number is (919) 530-5071.

Breakage

A student shall be financially responsible for damage he or she does to any building, equipment or other property of the institution. If it cannot be determined which student is responsible for the damage, the cost of the damage will be distributed equally among the group of students using the facilities at the time of the damage. If this cannot be determined, the cost of the damage will be charged against the entire student body. A one-time \$50 damage fee (included in the deposit fee) is due at the time the student moves into the residence hall.

Residence Status for Tuition Purposes

The basis for determining the appropriate tuition charge rests upon whether a student is a resident or a non resident for tuition purposes. Each student must make a statement as to the length of his or her residence in North Carolina, with assessment by the institution of that statement to be conditioned by the following:

Residence

To qualify as a resident for tuition purposes, a person must become a legal resident and remain a legal resident for at least twelve months immediately prior to classification. Thus, there is a distinction between legal residence and residence for tuition purposes. Furthermore, twelve months legal residence means more than simple abode in North Carolina. In particular it means maintaining a domicile (permanent home of indefinite duration) as opposed to "maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education." The burden of establishing facts which justify classification of a student as a resident entitled to state tuition rates is on the applicant for such classification, who must show his or her entitlement by the preponderance (the greater part) of the residency information.

Initiative

Being classified a resident for tuition purposes is contingent on the student seeking such status and providing all information that the institution may require in making the determination. As such, students must apply for North Carolina In-state Residency for Tuition Purposes by completing the required application and providing all documentation requested. Applications to qualify for North Carolina Residence Status for Tuition Purposes must be received 30 days before the first day of classes of the proposed term of enrollment. Applications received after this date may be considered for a subsequent term.

Parents' Domicile

If an individual, irrespective of age, has living parent(s) or court-appointed guardian of the person, the domicile of such parent(s) or guardian is, *prima facie*, the domicile of the individual; but this *prima facie* evidence of the individual's domicile may or may not be sustained by other information. Further, non-domiciliary status of parents is not deemed *prima facie* evidence of the applicant child's status if the applicant has lived (though not necessarily legally resided) in North Carolina for the five years preceding enrollment or registration.

Effect of Marriage

Marriage alone does not prevent a person from becoming or continuing to be a resident for tuition purposes, nor does marriage in any circumstance ensure that a person will become or continue to be a resident for tuition purposes. Marriage and the legal residence of one's spouse are, however, relevant information in determining residency intent. Furthermore, if both marital partners are legal residents of North Carolina and if one of them has been a legal resident longer than the other, then the longer duration may be claimed by either spouse in meeting the twelve-month requirement for in-state tuition status.

Military Personnel

A North Carolinian who serves outside the State in the armed forces does not lose North Carolina domicile simply by reason of such service. Students from the military may prove retention or establishment of residence by reference, as in other cases, to residency acts accompanied by residency intent.

In addition, a separate North Carolina statute affords tuition rate benefits to certain military personnel and their dependents even though not qualifying for the in-state tuition rate by reason of twelve months legal residence in North Carolina. Members of the armed services, while stationed in and concurrently living in North Carolina, may be charged a tuition rate lower than the out-of-state tuition rate to the

extent that the total of entitlement for applicable tuition costs available from the federal government, plus certain amounts based under a statutory formula upon the in-state tuition rate, is a sum less than the out-of-state tuition rate for the pertinent enrollment. A dependent relative of a service member stationed in North Carolina is eligible to be charged the in-state tuition rate while the dependent relative is living in North Carolina with the service member and if the dependent relative has met any requirement of the Selective Service System applicable to the dependent relative. These tuition benefits may be enjoyed only if the applicable requirements for admission have been met; these benefits alone do not provide the basis for receiving those derivative benefits under the provisions of the residence classification statute reviewed elsewhere in this summary.

Grace Period

If a person (1) has been a bona fide legal resident of the required duration, (2) has consequently been classified a resident for tuition purposes, and (3) has subsequently lost North Carolina legal residence while enrolled at a public institution of higher education, that person may continue to enjoy the in-state tuition rate for a grace period of twelve months measured from the date on which North Carolina legal residence was lost. If the twelve months end during an academic term for which the person is enrolled at a State institution of higher education, the grace period extends, in addition, to the end of that term. The fact of marriage to one who continues domicile outside North Carolina does not by itself cause loss of legal residence marking the beginning of the grace period.

Minors

Minors (persons under 18 years of age) usually have the domicile of their parents, but certain special cases are recognized by the residence classification statute in determining residence for tuition purposes.

- a. If a minor's parents live apart, the minor's domicile is deemed to be North Carolina for the time period(s) that either parent, as a North Carolina legal resident, may claim and does claim the minor as a tax dependent, even if other law or judicial act assigns the minor's domicile outside North Carolina. A minor thus, deemed to be a legal resident will not, upon achieving majority before enrolling at an institution of higher education, lose North Carolina legal residence if that person (1) upon becoming an adult "acts, to the extent that the person's degree of actual emancipation permits, in a manner consistent with bona fide legal residence in North Carolina" and (2) "begins enrollment at an institution of higher education not later than the fall academic term next following completion of education prerequisite to admission at such institution."
- b. If a minor has lived for five or more consecutive years with relatives (other than parents) who are domiciled in North Carolina and if the relatives have functioned during this time as if they were personal guardians, the minor will be deemed a resident for tuition purposes for an enrolled term commencing immediately after at least five years in which these circumstances have existed. If under this consideration a minor is deemed to be a resident for tuition purposes immediately prior to his or her eighteenth birthday, that person on achieving majority will be deemed a legal resident of North Carolina of at least twelve months duration. This provision acts to confer in-state tuition status even in the face of other provisions of law to the contrary; however, a person deemed a resident of twelve months duration pursuant to this provision continues to be a legal resident of the State only so long as he or she does not abandon North Carolina domicile.

Lost but Regained Domicile

If a student ceases enrollment at or graduates from an institution of higher education while

classified a resident for tuition purposes, and then both abandons and reacquires North Carolina domicile within a 12-month period, that person, if he or she continues to maintain the reacquired domicile into re-enrollment at an institution of higher education, may re-enroll at the in-state tuition rate without having to meet the usual twelve-month durational requirement.

However, any one person may receive the benefit of the provision only once.

Change of Status

A student admitted to initial enrollment in an institution (or permitted to re-enroll following an absence from the institutional program which involved a formal withdrawal from enrollment) must be classified by the admitting institution either as a resident or as a nonresident for tuition purposes prior to the actual enrollment. A residence status classification once assigned (and finalized pursuant to any appeal properly taken) may be changed thereafter (with corresponding change in billing rates) only at intervals corresponding with the established primary divisions of the academic year.

Transfer Students

When a student transfers from one North Carolina public institution of higher education to another, he or she is treated as a new student by the institution to which he or she is transferring and must be assigned residence status classification for tuition purposes.

The initial classification of students as in-state or out-of-state students for tuition purposes is made at the time the student's application for admission is processed. Appeals for in-state status must be made to the University Registrar before the first day of classes for the term for which in-state status is sought. The appeals form can be obtained from the Registrar's Office. A student who does not appeal before the first day of classes for the term must pay the out-of-state tuition; however, a refund for the difference between out-of-state tuition and in-state tuition will be given if the appeal is

approved. An appeal of the decision of the University Registrar must be made in writing to the chancellor within 15 days of the decision of the University Registrar, if such an appeal is desired.

University regulations governing residential classification of students are set forth in detail in "A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of Student Residence Classification for Tuition Purposes." Each enrolled student is responsible for knowing the contents of this manual. A copy of this manual is available for inspection upon request in the Reserve Department of the James E. Shepard Library.

Summer School Tuition, Fees, and Refunds

Since the summer school program is self-supporting, tuition and fees are adjusted annually. Students should consult the Summer School Bulletin for the exact tuition and fees for the summer session they plan to attend. For information, students may visit the Summer School Office on the third floor of the School of Education Building, or they may write to: Summer School Office, North Carolina Central University, Durham, NC 27707. Also, additional information on Summer School admissions, housing, financial aid, meals, parking, health services, academic regulations, and cancellation of courses can be found in this catalog under "Academic Programs and Institutes" section. Refunds will be made only at the end of Summer School. Refunds will be made only to students who officially withdraw by the deadline date listed in the summer school calendar. Refunds will not be made to students who unofficially withdraw by not attending classes or who are dismissed for disciplinary reasons. Refunds for reduced loads are not given unless courses are canceled or unless the student reduces his/her load by dropping a class or classes on the date designated in the Academic Calendar as the first day of classes. Refunds will be issued after a written request for a refund is submitted to the Dean of the

Scholarships and Student Aid (SSA)

The North Carolina Central University Scholarships and Student Aid Office (SSA) makes every effort to assist students in the financing of their education through the students' financial aid programs.

The primary objective of the Scholarships and Student Aid Office is to meet the demonstrated financial need of as many students as possible by using a combination of the available funds. To apply for financial aid, students must complete the FAFSA (Free Application for Federal Student Aid) at www.fafsa.ed.gov as soon as possible.

Students are encouraged to apply for financial aid electronically for rapid processing at www.fafsa.ed.gov. Applicants should make sure the correct award year is selected and the school code of 002950 is listed in section six. Paper FAFSA's may be obtained from the Department of Education at 1-800-433-3243.

Students who comply with the published deadline for application completion will be given priority for awarding.

Deadlines

January 1 – FAFSA for the Fall Semester should be filed online at www.fafsa.ed.gov.

March 15 – FAFSA (Free Application for Federal Student Aid) must be processed in order to be considered for the NC Student Incentive Grant and UNC Grant, Educational Lottery Scholarship and EARN Grant.

April 1 – Priority filing date for financial aid for the fall term or academic year

April 15 – Priority date for applying for financial aid for summer school

July 1 – Signed Award Notification and Promissory Notes and Loan Entrance must be

received by SSA in order for financial aid (grants and/or loan proceeds) to be available for the Fall Semester.

Nov 30 – Priority filing date for students whose first enrollment is the spring term

Dec 10 – Signed Award Notification and Promissory Notes and Loan Entrance must be received by SSA in order for financial aid (grants and/or loan proceeds) to be available for Spring registration.

Types of Financial Aid Available

Federal Funded Programs

Pell Grant: Undergraduate students only. Eligibility for Pell Grant is based on financial need as determined by the U.S. Department of Education. Student applies by filling out the Free Application for Federal Student Aid or the Renewal Application at www.fafsa.ed.gov. Pell Grant payments may range from \$890 to \$4,731. This grant will be reduced for students who enroll less than full-time. The Pell Grant will appear as a credit on a student's account.

Federal Supplemental Educational Opportunity Grant (FSEOG): Undergraduate students only. Eligibility for FSEOG is based upon financial need determined by the information provided on the application for financial aid. Students who are eligible for Pell Grants and who demonstrate the greatest need are given priority in receiving FSEOG. FSEOG funds will appear as a credit on a student's account. Students must be enrolled at least part-time. The grant will be reduced for students who enroll for less than full-time. Grants are generally \$1,000 per school year and \$2,000 for out-of-state students per school year. Student applies by filling out the Free Application for Federal Student Aid or the Renewal Application.

Academic Competitiveness Grant (ACG)

Awards grants to eligible financially needy students who complete a rigorous secondary school program of study. An ACG is available

during a student's first and second academic years of undergraduate education in an eligible undergraduate program. Applicant must be Pell eligible, awards are in addition to Pell Grant and have maintained cumulative GPA of at least 3.0, if second year student. Awards range from \$750 to \$1,300. Student applies for ACG by filling out the Free Application for Federal Student Aid (FAFSA).

National Science and Mathematics Access to Retain Talent Grant (National SMART)

The National SMART Grant Program awards grants to eligible financially needy students who are pursuing majors in the physical, life or computer sciences, mathematics, technology, engineering, or foreign languages critical to the national security of the United States and have a 3.0 cumulative grade point average. The National SMART Grant award is in addition to the student's Pell Grant award. Applicant must be enrolled as a full-time third or fourth year student in a baccalaureate degree program and be Pell eligible. Awards are \$4,000 for each of the third and fourth years of undergraduate study in baccalaureate degree program. Student applies for National SMART by filling out the Free Application for Federal Student Aid (FAFSA).

Teacher Education Assistance for College and Higher Education (TEACH) Grant Program

Provides \$4,000 for each academic year with maximum of \$16,000 for undergraduate students and \$8,000 for graduate students. Students must have 3.25 GPA and be completing or have plans to complete coursework necessary to begin a career in teaching. Must agree to teach in a Title I School. Must teach in specified areas (mathematics, science, foreign language, bilingual education, special education or high-need field). This grant is treated as a Direct Unsubsidized Loan if student does not teach. Student applies by filling out the Free Application for Federal Student Aid (FAFSA).

National Science Scholars Program (NSSP):

This scholarship program is for undergraduates majoring in the physical, life, and computer

sciences, mathematics or engineering at postsecondary institutions. Graduating high school students or students who have obtained the GED (General Education Development) certificate may apply for the scholarship. Recipients must be U.S. citizens or residential nationals. They must have demonstrated outstanding academic achievement in an area of math or science and must declare an intent to major in a course of study and pursue a career in the sciences. Two students, one of whom must be female, from each Congressional District may be chosen annually. Awards are valued up to \$5,000 per year, but may not exceed the cost-of-attendance. Applications are available from high school principals and guidance counselors of public and private high schools in North Carolina.

Veterans Educational Assistance Program:

North Carolina Central University is approved to enroll veterans, participants, military, and other eligible persons in its programs of education under provisions of Titles 38 and 10 United States Code. The Veterans Administration administers a number of education and training programs for Veterans, service persons and eligible dependents. The coordinator of Veterans education benefits for the University is located in the Office of the Registrar, Hoey Administration Building (530-5000). Any questions concerning the veterans education benefits programs and/or applications to determine eligibility may be obtained from the coordinator or from:

U.S. Department of Veterans Affairs
Regional Office
251 North Main Street
Winston-Salem, North Carolina 27155
(800) 827-1000

or

Division of Veterans Affairs 115
Market Street
2nd Floor, Suite #205
Durham, NC 27702
(919) 530-6672

To qualify for one of the education benefits programs offered by the Veterans Administration, the prospective participant must have been admitted to the University as a degree-seeking student. The various programs are as follows:

Montgomery G.I. Bill-Active Duty (Chapter 30):

An individual may be eligible if he/she entered the military on or after July 1, 1985, served at least two years, contributed \$1,200 in monthly amounts of \$100 and was honorably discharged. The value of assistance is \$1,101 per month for 36 months of service or \$894 a month for 24 months of service for full-time enrollment. Proportionate amounts are awarded for less than full-time enrollment.

Vietnam Era G.I. Bill Conversion (Chapter 30):

Also eligible for Montgomery G.I. Bill benefits are those individuals who had remaining entitlement under the Vietnam Era G.I. Bill on December 31, 1989, and served on active duty sometime during the period October 19, 1984 and June 30, 1985, and continued to serve on active duty to July 1, 1988, or to June 30, 1987, followed by four years in the Selected Reserve after release from active duty. The individual must have entered the Selected Reserve within one year of release from active duty. The value of assistance for the individual who converts from the Vietnam Era G.I. Bill is \$998 plus the Vietnam Era entitlement which varies with the number of dependents, for full-time enrollment. Proportionate amounts are awarded for less than full-time enrollment.

Montgomery G.I. Bill-National Guard and Selected Reserve (Chapter 1606):

An individual may be eligible who entered the Guard or Reserve on or after July 1, 1985 and obligated for a period of six years, holds a high school diploma or equivalent certificate, completed initial active duty training, and is satisfactorily participating in required training or duty. The value of the assistance is \$272 per month for full-time enrollment. Proportionate amounts are awarded for less than full-time employment.

Veterans Educational Assistance Program (VEAP) (Chapter 32): An individual may be eligible who entered the military between January 1, 1977 and June 30, 1985, contributed to the fund prior to April 1, 1987, served for at least 181 days continuously, and was honorably discharged. The amount of this award varies.

Survivors and Dependents Educational Assistance Program (Chapter 35): An individual may be eligible due to being the spouse, surviving spouse, or child of a veteran who died on active duty, is totally disabled due to service connection, is deceased as the result of a service-connected disability, is forcibly detained by a foreign power or government, or is now a POW or MIA. The value of assistance is \$881 per month for full-time enrollment. Proportionate amounts are awarded for less than full-time enrollment.

Scholarships for Disadvantaged Students (SDS)

This program provides scholarships for undergraduate students who are pursuing a career in nursing. The applicant must demonstrate significant financial need by completing an internal SDS application in the School of Nursing and the Free Application for Federal Student Aid. To be considered, independent students must complete the parents section of the FAFSA, even though the instructions on the FAFSA direct students to skip this section if independent. Scholarships may range from \$500 to \$2,000.

NORTH CAROLINA CENTRAL UNIVERSITY SCHOLARSHIPS/GRANTS:

Funded by NCCU, NCCU Foundation and External Sources

Chancellor's Cycle of Scholarships:

Soaring Eagle Scholarship. Incoming freshmen designated National Achievement, Hispanic, or Merit Semifinalists by the National Merit Corporation and having a 1650 on the SAT or incoming freshmen who have at least a 3.50 high school GPA and scores of 1900 on the SAT or 29 on the ACT will receive the following over four years: Tuition and fees (in-state rate only),

room, board, books, \$500/semester stipend, internships and a laptop. An out-of-state student who becomes a Finalist or is a National Merit Semifinalist will receive full tuition and fees. Students must take the PSAT (Preliminary Scholastic Aptitude Test) in the junior year of high school to compete in the National Merit Corporation programs.

Rising Eagle Scholarship. Incoming freshmen who have scores of 1800 on the SAT or 27 on the ACT and a 3.50 high school GPA will receive the following over four years: Tuition and fees (in-state rate only), room, board, and if Pell Grant eligible, a \$500/semester stipend.

Eagle in Flight Scholarship. Incoming freshmen who have scores of 1650 on the SAT or 23 on the ACT and a 3.00 high school GPA will receive the following over four years: \$2,000 a year.

Eagle in Flight Scholarship 2

Incoming freshmen who meet the above criteria and are majoring in Biology, Chemistry, Physics, Mathematics, Computer Science or Environmental Science will receive over four years: \$3,000 a year.

AA/AS Degree Transfer Scholarship. This is a two-year undergraduate scholarship for entering North Carolina Community College graduates. This Scholarship is based on the AA/AS degree GPA: 3.00-3.49 GPA=\$2,000 a year; 3.50-3.74 GPA=\$2,500 a year; 3.75-4.00 GPA=\$3,000 a year. This Scholarship covers four semesters of consecutive enrollment at NCCU.

Please contact the Office of Enrollment Management for additional information: (919) 530-7651. Email: chafler@nccu.edu. Website www.nccu.edu. Admissions (877) 667-7533.

Athletic Scholarship:

Awards range from \$200 to full payment of educational expenses. You must have a documented record of sports participation and outstanding athletic ability to be eligible for this scholarship. You must meet all of the University's admission requirements and enroll

as a full-time student. Scholarships may be renewed contingent upon academic and athletic performance.

Other University Scholarships

Academic Excellence

Addie Bailey

Alcoa

Bank of America Scholarship

Burger King

William Bell

Carolina Power and Light

Chambers Scholarship

Class of 1947

Class of 1978

Dudley E. Flood Book Fund

Roy Gwyn Book Fund

Kenan Charitable Trust Scholarship Endowment

Family

- Nationsbank Scholarship
- Bishop Eddie Long Scholars
- Carl Biggs Scholarship
- Beverly A. Bryant Scholarship
- Patsy Perry Scholarship
- Catherine Wallace Scholarship
- N.C. Mutual Life Insurance Scholarship
- Trudi Bond Scholarship

Clarence H. Ellis Scholarship

O'Brien/Atkins Scholarship

Elnor T. Cooper Scholarship

Dickson Scholarship

Frances A. Kornegay Community Relations Award

Bernice Duffy Johnson Scholarship

I. Gregory Newton Scholarship

Marching Band Scholarship

Polaroid Scholarship

Riley Scholarship

ROTC

Nancy R. Rowland Scholarship

Charles & Ann Sanders Scholars

Maceo Sloan Award

Otelia J. Stewart Memorial Scholarship

Wachovia Scholarship

STATE GRANTS & SCHOLARSHIPS

UNC Need Based Grant:

To be eligible, one must meet all of the University admissions requirements. This grant is available to NC residents. The value of the award varies and applicants are required to complete the FAFSA and submit supporting documentation, if selected for verification. New entering freshmen and transfer students must apply with the Undergraduate Admissions Office. Continuing students who received the UNC Campus Grant previously may re-apply by completing the FAFSA. Awards range from \$1,912 to \$3,400.

N.C. Student Incentive Grant (NCSIG):

To be eligible, you must be a U.S. citizen, a N.C. resident, enrolled or accepted for enrollment on a full-time basis at a North Carolina postsecondary institution and maintain satisfactory academic progress. Award is available to undergraduates who demonstrate "substantial financial need." Students must complete the Free Application for Federal Student Aid (FAFSA), indicate on the form that N.C. is his/her state of legal residence. The deadline for applying is March 15 of each year; however, funds are typically exhausted by the end of February. The annual award is \$700.

Education Access Rewards North Carolina Scholars Fund (EARN)

Provide grants to eligible students to enable them to obtain an education beyond the high school level at community colleges and universities in North Carolina without incurring student loans during the first two years of their postsecondary education. The maximum grant for which a student is eligible is \$4,000 per academic year. The student may not receive a grant through this program for more than the equivalent of two academic years. To apply complete the Free Application for Federal Student Aid (FAFSA) which is used to qualify for Pell Grants and other aid programs and list at least one North Carolina public university or community college on the form.

North Carolina Education Lottery Scholarship (ELS)

Provide financial assistance to needy North Carolina resident students attending eligible colleges and universities located within the state of North Carolina. Eligibility is determined based on the same criteria as the Federal Pell Grant with one exception; students not eligible for the Federal Pell Grant with an estimated family contribution of \$5,000 or less will be eligible for an Education Lottery Scholarship. Students who have earned baccalaureate (four-year) college degrees are ineligible. Grants will range from \$100 to \$2,500 for the year. Applicants must complete the Free Application for Federal Student Aid (FAFSA) which is also used to qualify for Federal Pell Grants.

The Golden LEAF Scholarship:

This award is funded by a grant from the Golden LEAF Foundation to students residing in one of the 56 North Carolina counties who will enroll at one of the sixteen public universities – the University of North Carolina (UNC) system campuses. Three categories of students will receive funding: high school students who will be freshmen, transfer students from North Carolina colleges who will enroll for the first time at UNC system campuses, and students who received Golden LEAF Scholarships at UNC system campuses during the academic year. Applications, program information, deadlines and additional information are posted at www.ncseaa.edu/gl.htm.

MARC (Minority Access to Research Careers Program):

This program is open to juniors and seniors majoring in Biology, Chemistry, Psychology, Mathematics, or Computer Science. The program is designed to increase the number of minorities in research careers in the biomedical sciences. Students committed to pursuing a Ph.D. in biomedical sciences are encouraged to apply. Applicants must be honor students with a grade point average of 3.0 or better. The program provides tuition, travel to national meetings, and a monthly stipend.

Dr. A.P. and Frances Dickson Scholarship: To be eligible for this award, applicant must currently reside in Hoke County, NC, enroll as a full-time student and have an academic average of 3.0 or better. An entering freshman must be ranked in the top 25% of his/her graduating class.

James Lee Love Scholarship: To be eligible for this award, you must be an undergraduate student, enroll full time, be a N.C. resident and have an academic average of 3.0. An entering freshman must be ranked in the top 25% of his/her graduating class. The annual award is \$2,700.

C.M. and M.D. Suther Scholarship: To be eligible for this award, the student must have a 3.0 GPA, rank in the top 25% of the high school graduating class, in the case of an entering freshman, and be a N.C. resident undergraduate full-time student. This award is usually made to a University scholar who is an undergraduate student. The annual award is \$950.

Robert C. Byrd Honors Scholarship Program:

This program promotes student achievement and recognizes exceptionally able students who show promise of continued excellence. Recipient must be a graduate of a public or private high school in North Carolina or have a GED (General Education Development) certificate and be accepted for enrollment as an undergraduate student at a postsecondary institution. Byrd scholars are selected on the basis of demonstrated outstanding academic achievement and the promise of continued academic excellence. The maximum annual award is \$1,500 and may be renewed for up to four years of undergraduate study. Applications are available from high school principals and guidance counselors of public and private high schools in North Carolina. The application deadline is in February. For additional information on this program, visit the Internet site at www.ofps.dpi.state.nc.us.

NC ETV Program

The North Carolina Education and Training Voucher (ETV) Program offers grants to foster youth and former foster youth to attend colleges, universities and vocational training institutions. Students may receive up to \$5,000 a year for four years as they pursue higher education. The funds may be used to tuition, books or qualified living expenses related to postsecondary education. Additional program information is available at www.statevoucher.org.

North Carolina Veterans Scholarships: Award is available to certain children of deceased or disabled veterans who were listed as POW/MIA. Veteran must have been a legal resident of North Carolina and resided there continuously. Full scholarships provide for four academic years of free tuition, room and board allowances and mandatory fees at state-supported institutions. Limited scholarships may provide free tuition and mandatory fees. Awards may be used for either undergraduate or graduate study. For more information concerning this scholarship program, contact the North Carolina Division of Veterans Affairs at (919-733-3851).

Rehabilitation Assistance for Visually

Handicapped: Student must be legally blind or have a progressive eye condition that may result in blindness, thereby creating an employment handicap for the individual. Student must be a North Carolina resident enrolled in a full-time undergraduate or graduate program. The amount of the assistance is based on financial need. The assistance covers tuition, fees, books and supplies, and reader service.

North Carolina Sheriffs' Association

Undergraduate Criminal Justice Scholarship:

Award is available to a full time North Carolina resident undergraduate majoring in Criminal Justice. First priority in selection is given to a son or daughter of any law enforcement officer killed in the line of duty. Second priority is given to a son or daughter of any sheriff or deputy sheriff who is deceased, retired (regular or

disability). Third priority is given to any resident criminal justice student meeting NCCU's academic and financial need criteria. The non-renewable awards are valued at \$2,000 each. Application deadline is annually February 15th.

Nurse Scholars Program (NSP):

This program is a competitive, merit-based scholarship/loan program available to students who have chosen to enter the nursing profession. An 11-member Nurse Scholars Commission selects recipients for the award on the basis of superior academics, leadership potential, and desire to practice nursing on a full-time basis in North Carolina. Recipients must be U.S. citizens and North Carolina residents. The annual value of the award is from \$3,000 to \$5,000. The scholarship is renewable.

Nurse Education Scholarship Loan Program

(NESLP): This loan is based upon financial need and other factors such as academic performance. Loans range from \$400 to \$5,000, depending upon financial need. Repayment may be made in practice service in N.C. or in cash. The interest rate is 10% from the date of disbursement. Student has up to seven years to repay the loan in service, or ten years to repay the loan in cash. Students are recommended by the School of Nursing.

North Carolina Student Loan Program for Health, Science, and Mathematics:

Student must be a legal resident of North Carolina and accepted as a full-time student in an undergraduate or master's program leading to a degree in the sciences. Award recipients are chosen according to major, academic capabilities, and financial need. Maximum loans range from \$3,000 to \$8,500 a year depending on the degree level. Loans are renewable annually based on financial need and satisfactory academic progress.

North Carolina Teaching Fellows Scholarship

Program: Applicants must be North Carolina residents currently enrolled as high school seniors. Selection is made on the basis of high school grades, class standing, SAT scores, writing

samples, community service, extracurricular activities, and references from teachers and members of the community. Interviews at the local and regional levels are required. Recipients must be accepted for admission. The maximum award is \$6,500 per year and is renewable for four years of college. Approximately 400 Teaching Fellows are selected annually. For more information, visit the website at <http://ncforum.org/fellows.htm>.

Prospective Teacher Scholarship Loans (PTSL): Recipients must be North Carolina residents and are selected on the basis of GPA, SAT scores, class rank, congressional district, and licensure areas of need. Recipients in teaching fields receive up to \$2,500 per academic year for up to four years of undergraduate study. Applications are available in December and must be submitted by the second Monday in February.

Teacher Assistant Scholarship: The 2001 North Carolina General Assembly allocated one million dollars to a teacher assistant scholarship program that will enable full-time public school teacher assistants attending four-year colleges and universities (public or private) to receive a scholarship of up to \$3,600 per year including summer school. Assistants must be enrolled at colleges and universities with teacher education programs and working toward a baccalaureate and teacher licensure. Recipients will receive \$1,200 per fall and spring semester; in addition, recipients may receive up to \$1,200 for summer enrollment, depending on the number of semester hours attempted during the summer session(s). The new program is a scholarship and does not require repayment in cash or service. Applications and procedures may be downloaded from the Web at www.ncseaa.edu.

EXTERNAL SCHOLARSHIPS

District of Columbia Leveraging Educational Assistance Partnership (DC LEAP): The DC Leveraging Educational Assistance Partnership was created in 1975 by Title IV of the Higher Education Act of 1965. The grant awards funds to needy residents attending postsecondary institutions around the country. DC LAP is

funded through matching funds by the District of Columbia and the Federal government. Eligible applicants receive an award of up to \$1,500 per year. DC Web site provides useful information on the program. It can be found at the following address:

www.tuitiongrants.dc.gov.

DC Tuition Assistance Grant (DCTAG): The DC Tuition Assistance Grant was created in November 1999 by the District of Columbia College Access Act. The grant provides funds to District residents. DC TAG may be used to attend any of the more than 2,500 public colleges around the country. The grant pays the difference between the in-state and out-of-state tuition. The award is paid directly to the institution and is equal to the difference between the in-state and out-of-state tuition up to \$10,000 per year. There is a lifetime maximum of \$50,000. DC Web site provides useful information on the program. It can be found at the following address:

www.tuitiongrants.dc.gov.

District of Columbia College Access Program (DCCAP): Eligibility is based on the following criteria: a resident of the District enrolled in college as a full time student, in good academic standing according to the standards set by the college, and demonstration of financial need. Additional information can be obtained by emailing: dccapoff@aol.com.

GlaxoSmithKline Opportunity Scholarships Established in 1988 by Burroughs Wellcome Company in the Research Triangle Park, this program offers Triangle residents the opportunity to improve their lives through further education or training. Any person who has been a permanent resident of Chatham, Durham, Orange, or Wake County for the past six months, who can demonstrate the potential to succeed despite adversity, and who has an exceptional desire to improve himself or herself through further education or training may apply. There are no limitations on age, income level, previous education, course of study or training program the applicant is planning to pursue.

Scholarship may be used to begin a program or continue a program in which the applicant is already enrolled. It may be used for technical or community college programs, vocational or trade programs, four-year college or university studies. Between four and six awards are made annually up to \$5,000 per year for a maximum of four years. Scholarship may be applied to expenses for tuition, required fees, and required books. Applications may be obtained by contacting the Triangle Community Foundation Scholarship Program, PO Box 12834, Research Triangle Park, NC, 27709, (919) 549-9840 or by e-mail marion@trianglecf.org. All application materials must be postmarked on or before April 1.

American Indian Student Legislative Grant (AISLG)

Eligibility for this program is based on financial need and you must be a member of an Indian tribe recognized by the State of North Carolina or by the federal government. You must also be classified as a N.C. resident for tuition purposes. Funds will appear as a credit on your account. \$700 is the maximum value per academic year for full time undergraduate or graduate students and a reduced amount proportional to academic load for part time students.

North Carolina National Guard Tuition Assistance Program (TAP):

Student must be an active member of the North Carolina Army or Air National Guard and remain a member of the National Guard for two years following the end of the academic period for which tuition assistance is provided. Student must enroll in an eligible business or trade school, private or state educational institution in North Carolina, and must maintain a C or better grade point average. Student may not be enrolled in a program designed primarily for preparation in a religious vocation.

Paul Douglas Teacher Scholarship Program (PDTS):

Recipient must be a United States citizen. Student must have been ranked in the top 10% of the high school graduating class or have GED test scores ranked in the top 10% of

the state or national test takers in the year of qualification. Applicant must be enrolled, or accepted for enrollment, as an undergraduate or graduate student seeking initial certification in a Teacher Education Program. Awards are valued at \$5,000 per year, but may not exceed the cost of attendance.

Employment

Federal Work-Study (FWS): This is an award for which a student must work. Money is earned hourly and the student is paid monthly. This award is available to undergraduate and graduate students based on need, using the information provided on the application for financial aid to determine eligibility. FWS awards will not appear as a credit on your account. The average FWS undergraduate employee works ten hours per week and typically earns from \$500 to \$1,000 per academic year at a minimum rate of \$7.00 per hour. The average FWS graduate/professional employee works ten to thirty hours per week and typically earns from \$1,000 to \$2,000 per academic year at a minimum rate of \$10.00 per hour. Students can make their work more meaningful by performing Community Service in the Durham community, or by participating in the America Reads Program tutoring at elementary schools at a rate of \$8.00 per hour. Students are required to have an approved Work Study contract on file administered by the Office of Scholarships and Student Aid prior to working.

State Supported and NCCU Supported

Work-Aid: This is an award for which a student must work. The student is paid monthly. This is not a need-based program. Wage rates, hours and conditions of employment are strictly between the student and the employer. Work-Aid awards will not appear as a credit on the student's account.

Off-Campus Employment: This program is coordinated by the Career Counseling and Placement Center. Students interested in using

the services of this office should register with the Center to establish a credential file.

FOR NEW STUDENTS:

FAFSA Application

Complete the FAFSA (Free Application for Federal Student Aid) for the current year online at www.fafsa.ed.gov. Please indicate our school code of 002950 in section six. The Department of Education will forward a paper Student Aid Report to the address listed on the FAFSA and an electronic file to the institution within 3 to 4 weeks. Please verify that North Carolina Central University is listed on the Student Aid Report (SAR). The expiration date for the FAFSA (Free Application for Federal Student Aid) is June 30th. Students attending the second session of summer school should closely monitor the deadline date to ensure that the FAFSA is processed. Also, if you are interested in receiving a loan, please complete the master promissory note at <https://dlenote.ed.gov> and entrance loan counseling session online at www.dl.ed.gov. The deadline date for the FAFSA appears prior to the start date for the second session of summer school.

Summer Application Process

All students must complete the NCCU Summer School Financial Aid Application to receive financial assistance. Applications are available at <http://www.nccu.edu/formsdocs> and in our office. Prior to submitting your summer school application, please make sure that you have been advised by an academic advisor and registered for summer school in the summer sessions desired. The financial aid award will be based on the registered session (Summer I, II, or I and II) and hours at the time the summer school application is processed by our office. If you desire financial assistance for both sessions of summer school, please make certain that you are registered for Summer I and II before submitting the NCCU Summer School Financial Aid Application. If classes are added at a later date or if you choose to attend the second

session of summer school after submitting your application, your award notification will remain the same.

Types of Financial Aid

The types of financial aid available during the summer vary based on the student remaining eligibility for Pell Grant and loans. To qualify for a student or parent loan, you must be enrolled on at least a half-time basis, undergraduates six (6) hours and graduates four and one-half (4.5) hours. If there is a class schedule change that results in enrollment of less than half-time the Stafford and/or plus loans will be cancelled.

Award Notification

An initial award notification will be mailed to your permanent address. Students are expected to visit Eagles Online for award updates and changes including reductions and cancellations.

Cancellation of Awards

Grants are awarded based on registered hours, if your actual enrolled hours are reduced due to dropped or cancellation of classes, your funds will be reduced appropriately. You must be enrolled on at least a half-time basis for student and parent loans, undergraduates six (6) hours and graduates four and one-half (4.5) hours. If there is a change in your class schedule that results in enrollment of less than half-time, the Stafford and/or plus loans will be cancelled.

FOR CONTINUING STUDENTS

Note: If you did not receive financial aid for the most recent Fall or Spring Semesters, please follow the summer school instructions for new students.

FAFSA Application

Continuing students who received financial assistance for the preceding fall or spring semester are not required to submit a new SAR. The FAFSA filed is valid for summer assistance.

Application Process:

All students must complete the NCCU Summer School Financial Aid Application to receive financial assistance. Applications are available at <http://www.nccu.edu/formsdocs> and in the Office of Scholarships and Student Aid. Prior to submitting your summer school application, please make sure that you have been advised by an academic advisor and registered for summer school in the summer sessions desired. The financial aid award will be based on the registered session (Summer I, II, or I and II) and hours at the time the summer school application is processed by our office. If you desire financial assistance for both sessions of summer school, please make certain that you are registered for Summer I and II before submitting the NCCU Summer School Financial Aid Application. If classes are added at a later date or if you choose to attend the second session of summer school after submitting your application, your award notification will remain the same.

Types of Financial Aid

The types of financial aid available during the summer vary based on the student remaining eligibility for Pell Grant and loans. To qualify for a student or parent loan, you must be enrolled on at least a half-time basis, undergraduates six (6) hours and graduates four and one-half (4.5) hours. If there is a class schedule change that results in enrollment of less than half-time the Stafford and/or plus loans will be cancelled.

Award Notification

An initial award notification will be mailed to your permanent address. Students are expected to visit Eagles Online for award updates and changes including reductions and cancellations.

Cancellation of Awards

Grants are awarded based on registered hours, if your actual enrolled hours are reduced due to dropped or cancellation of classes, your funds will be reduced appropriately. You must be

enrolled on at least a half-time basis for student and parent loans, undergraduates six (6) hours and graduates four and one-half (4.5) hours. If there is a change in your class schedule that results in enrollment of less than half-time, the Stafford and/or plus loans will be cancelled.

FALL

Priority Date: March 15th

The application process has been simplified through FAFSA on the web. Students may electronically submit a new or renewal financial aid application on the web at www.fafsa.ed.gov. Applying on the web allows students to track the status of their applications, make corrections and the processing time is reduced. If you have not filed taxes, the income information reported on your W-2 form may be used to complete the financial aid application.

We suggest that the student and a parent (if dependent) obtain a FAFSA pin number at www.pin.ed.gov. The FAFSA pin can be obtained from the Department of Education within 24 hours. Electronically signing the FAFSA with a pin expedites the process.

The priority date for filing the financial aid application is March 15th. Students are encouraged to file for financial aid on or immediately after January 1st. Also, tax returns should be filed early and a signed copy of the 1040, 1040A or 1040EZ should be retained. To avoid delays, please submit requested documents such as tax returns, verification worksheets, W-2s to the Office of Scholarships and Student Aid upon request. It is important to review each document to ensure the appropriate signatures appear.

Students who submit financial aid documents during peak months (June, July, and August) should allow additional processing time of at least one month to receive an award notification.

An award notification is mailed to each student's permanent address. The student must indicate acceptance or rejection for student and parent loans. Award decisions can be performed on Eagles Online. Students are expected to view Eagles Online for award changed including reductions and cancellations.

KEY WEB SITES

NCCU Financial Aid Forms –

<http://www.nccu.edu/formsdocs>

FAFSA - www.fafsa.ed.gov

Pin – www.pin.ed.gov

Loan Entrance: www.dl.ed.gov

Master Promissory Note –

<https://dlenote.ed.gov>

For further information, please contact the Office of Scholarships and Student Aid at 919-530-6180

Satisfactory Academic Progress Undergraduate Policy

Federal regulations require that schools monitor the academic progress of each applicant for financial assistance and that the school certify that the applicant is making satisfactory academic progress towards earning his/her degree or certificate.

Financial aid recipients must maintain satisfactory progress in the three areas listed below:

1. Cumulative Grade Point Average
2. Hours Earned
3. Maximum Time Limit

It is the students' responsibility to stay informed of the university's SAP standards and to monitor their progress. For SAP purposes, students' academic records are reviewed by the Scholarships and Student Aid Office each academic year at the end of the spring semester. Students who are not meeting one or more of the Satisfactory Academic Progress Standards are not eligible for financial aid for

the next academic year. Eligibility may be regained by resolving all deficiencies (except the Maximum Length of Study).

Undergraduate Degree Students

Federal regulations require the university to establish Standards of Satisfactory Academic Progress, involving both qualitative (cumulative grade point average) and quantitative (hours earned compared to hours attempted), and a maximum length of study. This requirement applies to all applicants for any federal assistance, including Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (FSEOG), Federal Work-Study, Federal Perkins Loan, the William D. Ford Direct Loan Program, which includes the Federal Stafford and Unsubsidized Stafford Loans for students, and Federal PLUS Loans for parents of undergraduate students. The same standards may apply to all assistance from the State of North Carolina and all other aid that is determined by the Scholarships and Student Aid Office. To be eligible for financial aid at NCCU, whether or not aid was received in the past, students must be in compliance with all three of the following areas: cumulative GPA, hours earned, and maximum length of study.

Cumulative Grade Point Average (GPA)

Students must maintain the minimum cumulative grade point average indicated in Column 2 (suspension) for satisfactory progress toward graduation requirements. These standards are consistent with academic standards required for graduation.

Total Hours Attempted at NCCU Plus Hours Transferred from Other Institutions

Cumulative Grade Point Average (GPA)*

Attempted Hours	GPA
0-32	1.3
33-63	1.5
64-96	1.7
97 and above	2.0

Hours Earned (Compared to Hours Attempted)

The recommendation is that undergraduate students attempt to earn at least 32 hours per academic year in order to graduate in four years for programs that require 124-128 credit hours. To remain eligible for financial aid, students must earn 67% of yearly (fall and spring) hours attempted for previous enrollment period as indicated below:

Percentage of Yearly Hours Attempted that must be completed: 67%

For financial aid purposes, the following definitions and conditions apply:

- To earn hours at NCCU, one must receive a grade of A, B, C, or D (including "+" or "-"). All other grades, including F, I, W, WC, WF, AU, NU, NP, or NG do not earn hours.
- Classes from which a student withdraws after the drop/add period count as attempted but not earned hours. Therefore, withdrawing from classes after the drop/add period will negatively affect students' ability to satisfy the hours earned standard.
- Audited courses count as attempted but not earned hours. Therefore, auditing classes will negatively affect students' ability to satisfy the hours earned standard.
- When a student repeats a course, the total attempted hours will increase with each repeat, but the student may only earn hours for a successfully completed course once. Therefore, repeating courses may negatively affect students' ability to satisfy the hours earned standard.
- Accepted transfer credit will count as both attempted and earned hours.

Maximum Length of Study

To remain eligible for financial aid, undergraduate students must complete their

degree requirements within 150 percent of the published length of their academic program. At NCCU, this means that students in programs requiring 124 hours for graduation will be eligible for financial aid during the first 186 attempted hours as an undergraduate. All attempted hours are counted, including transfer hours, whether or not financial aid was received or the course work was successfully completed.

Annual Satisfactory Academic Progress Reviews

At the end of the final session of summer school, a year-end review is completed. Students who are out of compliance with one or more of the satisfactory academic progress standards become ineligible for further financial aid until all deficiencies are remedied.

The Scholarships and Student Aid Office sends written notification of ineligibility to students at their permanent addresses as listed in official university records in the Registrar's Office.

Satisfactory Academic Progress and eligibility for financial aid are determined each academic year after the summer school grades are available.

Regaining Eligibility for Financial Aid

Students who are meeting the standards are eligible for financial assistance for the next enrollment period. To regain eligibility for financial aid, a student may consult with a financial aid counselor to determine the appropriate alternatives. The following may be considered for regaining eligibility for financial aid:

- Taking courses during the summer session(s)
- Repeating failed courses
- Removing incomplete grades
- Reviewing repeat courses to ensure that highest grade has been computed.

Cumulative GPA's can only be improved by course work at NCCU. Hours earned deficiencies may be made up by attendance at NCCU or another institution. However, if enrolling

elsewhere, the student must complete the appropriate transfer study forms and have the course work pre-approved by the Dean of the College or School for the program of study at NCCU prior to enrolling at the other institution. Following completion of course work elsewhere, the student must request that an academic transcript be sent to the NCCU Registrar's Office. Once deficiencies have been remedied, the student must notify the Scholarships and Student Aid Office and request reinstatement of eligibility. This process begins when all grades and credit hours are officially recorded in the Registrar's Office at NCCU.

Once the maximum length of study standard has been exceeded, financial aid eligibility ends, even if the student is in compliance with the other two standards.

Summer School

Satisfactory Academic Progress for Summer School will be based on the student's eligibility for the previous academic year. A student who meets the requirements for fall and spring will also qualify for financial aid for the summer sessions. However, if students are deemed ineligible during the summer session, they will not qualify for financial aid for the upcoming fall semester and any future terms until they are meeting the satisfactory academic progress policy.

Appeals

Federal regulations allow for certain cases in which the school may waive the standards. Specifically, if a student's failure to be in compliance with one or more areas of

satisfactory academic progress is due to events beyond the student's control, such as a student's extended illness, serious illness or death in the immediate family, or other significant trauma, and if such mitigating circumstances can be appropriately documented for the specific term(s) in which the deficiency occurred, the student may appeal to the Scholarships and Student Aid office. Eligibility may be regained by appeal.

Students should contact the Scholarships and Student Aid Office to obtain an Appeal for Reinstatement of Eligibility form. Forms are also available on the University's website.

This SAP policy was approved June 2003, and SAP was measured by this policy at the end of Spring 2004. This policy replaces all previous SAP policies. For further information regarding Satisfactory Academic Progress, the student should contact:

Scholarships and Student Aid Office
North Carolina Central University
P. O. Box 19496
Durham, NC 27707
(919-530-5152 or 5153
(919) 530-7959 (FAX)

Penalties and Academic Warning

Any undergraduate student whose GPA falls below 2.0 for any semester will receive a letter of warning from the Dean of the College or School in which the student's academic program is housed.

Division Of Student Affairs

Dr. Kevin Rome, Vice Chancellor
208 Student Services Building
(919) 530-6342 Office
(919) 530-2958 Fax
Email: krome@nccu.edu

The central mission of Student Affairs is the facilitation of the learning process for all students and the cultivation of an environment that enriches and supports learning and personal development. This perspective recognizes the value of formal and informal learning experiences to the intellectual and personal growth of students.

Office of the Vice Chancellor for Student Affairs

The Vice Chancellor for Student Affairs is the Senior Student Affairs Officer (SSAO) and as such, provides administrative leadership to the various functional areas that comprise the Division. Functional areas reporting directly to this officer include: Residential Life, Student Health and Counseling Services, University Career Services, and Student Activities and Union Programs.

The Associate Vice Chancellor for Student Affairs serves as a liaison between students and the administration in addition to serving as Dean of Students. This individual assists the SSAO in all student personnel service matters and represents the Vice Chancellor in his/her absence.

Administrative oversight of commuter services, diversity and multicultural services, leadership development, student learning, and student support services for students with disabilities is provided by the Assistant Vice Chancellor for Student Affairs. This individual, in concert with the Associate Vice Chancellor, assists the SSAO in developing, advocating, assessing and

implementing programs and services supportive of student learning and a quality campus environment.

Office of the Dean of Students

Administration of campus judicial programs and services rests with the Dean of Students. This office is also responsible for the coordination of counseling services in the residence halls, the planning and implementation of moral and character development activities, and the training of various on-campus hearing boards/panels. The Dean of Students and the Assistant Deans are responsible for enforcement of the Student Code of Conduct. This office is also responsible for the Eagle Care Program, a substance abuse prevention and education program.

Additional Student Affairs Offices

Focused attention is provided to the learning and development needs of first and second year resident students through the Office of Student Learning. This office oversees the Freshman First Program in addition to advisory/leadership assistance to Phi Eta Sigma National Honor Society for Freshman Students and the Parent's Association.

A comprehensive leadership development program is available to students through the Office of Leadership Development. A Student Resource Library serves as a resource to this area. Programs included in this area include The Rising Star Leaders Program and Fall and Spring Leadership Development Symposium. This office is also responsible for the coordination of Greek Affairs.

The development and coordination of programs/services offered to international and minority students are provided through the Office of Diversity and Multicultural Services. A primary responsibility of this office involves foreign student advisement.

Support Services for Students with Disabilities

The Office of Student Support Services (SSS) was created as a part of the Division of Student Affairs to respond to Section 504 of the Rehabilitation Act of 1973. The University's charge is to serve students with disabilities, to ensure that they have reasonable accommodations and services, and to offer them equal opportunities for a successful and satisfying college experience. All currently enrolled students with documented disabilities are eligible for services.

Student support services may include reader and attendant services; interpreter services; campus orientation, mobility, and accessibility services; adaptive transportation; parking; tutoring; and counseling. To provide these specialized services, North Carolina Central University maintains an office for the Director of Student Support Services/Section 504 Coordinator and a Learning Activity Center in Suite G20 Student Services Building, where appropriate educational assistance is available to students with documented disabilities, including but not limited to learning disabilities, visual and/or auditory impairments, and other physically disabling conditions.

Academic Access and Accommodations

North Carolina Central University shall make such modification to academic requirements as are necessary to ensure that such requirements do not discriminate or have the effect of discriminating, on the basis of disability, against a qualified applicant or student. Academic requirements that are essential to the program of instruction being pursued by such student or to any directly related licensing requirement will not be regarded as discriminatory. Modifications may include changes in the length of time permitted for the completion of degree requirements and adaptation of the manner in which specific courses are conducted. The University shall take such steps as are necessary

to ensure that no student with a documented disability is denied the benefits of, excluded from participation in, or otherwise subjected to discrimination under the education programs or activities operated by the University. Persons desiring access must notify the Director of Student Support Services/504 Compliance Coordinator of the specific access sought. The Director will in turn contact all other personnel necessary to provide the program for which access is sought. Where academic programs are concerned, the Director and the Registrar will make the necessary classroom reassignments within 24 hours of notification by the student. They will then notify the department chairperson or dean, who will in turn notify the affected instructor of the reassigned class and of the reason for the reassignment.

With regard to non-academic programs and activities, once the Director is notified by the student of the needed access, he will contact the appropriate person(s) about reassigning the activity or event in question. In most cases, the contact person will be the supervisor or director of the unit sponsoring the activity or providing the service. The unit contact person will reassign the activity to another location ensuring accessibility for the student with a disability—if the Office receives written notices from the student at least five (5) days prior to the event in question—and will notify the Director of the reassignment. The Director will then notify the student who initiated the request.

For further information contact:
 Director of Student Support Services
 Section 504 Coordinator
 Suite G20 Student Services Building
 North Carolina Central University
 Durham, NC 27707
 (919) 530-6325

NCCU Women's Center

The mission of the NCCU Women's Center is to promote the academic, personal, and professional development and potential of women on campus by celebrating their

strengths and aspirations; fostering a safe, respectful and equitable environment; and collaborating to mutually support the needs of the campus and community as an integrative whole.

The NCCU Women's Center envisions an empowering, inclusive, and just learning environment where women realize their limitless potential.

The NCCU Women's Center is located in the Student Services Building on Eagle Campus Drive in Suite 120, Room 137. The office hours are 8 a.m. – 5 p.m.

Programs and Services

The Women's Center team works to offer advocacy, information and academic & social programming for and about women and gender equity. The resources of the Women's Center are available for use by both women and men. The Women's Center is a place for women's support and network groups to meet in a safe, supportive, confidential atmosphere. Women's Center staff provides informal advising and consulting on advocacy issues for women, information and helpful referrals to important campus and community resources, and confidential support and assistance dealing with problems such as sexual and relationship violence.

Key Programs

- Triple E Program Series: Embrace Yourself, Enhance Yourself, and Empower Yourself – provides young women with tools for self acceptance while focusing on areas which need improvement and works to build their self-esteem, helping each young woman find the will power to rise above adversities, and provide tools to help them stay focused.
- The Men's Initiative – NCCU men working to end violence against women.
- Speaker Series – National and local speakers focusing on gender-related topics
- Circle of Sisters Women's Leadership Program – a semester long enrichment program for women to cultivate servant leadership, enhance self-esteem, explore careers and embrace other cultures.
- Women's Center Library – a circulating resource library of fiction and non-fiction books, available for check out with NCCU ID.

Staff may be contacted at (919) 530-6811 or email: womenscenter@nccu.edu.

Grievance Procedures for Persons with Disabilities

Grievances in regard to rights under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 should be filed with the Director of Student Support Services. This nondiscrimination policy covers admission and activities, including but not limited to academic admissions, financial aid, educational services, and employment. Anyone desiring information concerning these provisions should contact the Director of Student Services (See previous contact information).

Non-Academic Grievances

Complaints in regard to non-academic concerns/issues should be directed to the Vice Chancellor for Student Affairs. All such grievances should be in writing.

United Christian Campus Ministry

Rev. Michael D. Page, Campus Minister
525 Nelson Street
telephone: (919) 530-6380
fax: 530-7993
Office Hours: 9:00 a.m. – 2:00 p.m. Tuesday-Friday

What is United Christian Campus Ministry?

United Christian Campus Ministry is an ecumenical ministry provided to the North Carolina Central University for over 40 years by more than twelve denominations. United Christian Campus Ministry is for all members of the academic community. It is a means by which students, faculty and administrative staff of the University may work together in living and expressing their respective religious beliefs. While affirming the given unity of the Christian Church and sponsoring a program of common interest for all denominations, the United Christian Campus Ministry encourages individuals to participate in the life and worship of a local church in Durham.

What is Our Mission?

The United Christian Campus Ministry seeks to lead the campus community to broader perspectives on moral imperatives and life planning. Additionally, the United Christian Campus Ministry seeks to point the way toward greater spiritual, mental, and emotional maturity. Therefore, it serves as the conduit through which judicatories, individuals, and churches provide resources for a Christian Ministry on campus. United Christian Campus Ministry lives out its mission by sponsoring worship services, bible studies, religious forums, community programs, and spiritual guidance for the North Carolina Central University campus and community.

The Programs of the United Christian Campus Ministry:

Worship

While worship in local churches is primary, there are also weekly opportunities for corporate worship for the entire North Carolina Central University Community.

Study

Since the first task of both faculty and students is the learning process, the United Christian Campus Ministry seeks to promote disciplined study within the context of the Christian faith. Therefore, we sponsor weekly bible studies

centered on various issues related to Christian understanding.

Spiritual Guidance

All members of the academic community are invited to seek out the Campus Minister for confidential discussion and guidance in areas of personal concern.

Fellowship

United Christian Campus Ministry views fellowship as a crucial element in the life of the campus community. As a result, our ministry sponsors activities throughout the year that provide spiritual interaction for the University.

Service

United Christian Campus Ministry

acknowledges the need to embrace the community around us. Our vision is to rally together to minister to the local community and eventually minister to the global community as well.

International Student Services

International Student Services (ISS) is responsible for assisting F-1 students with their immigration services prior to entry into the United States, and help them to maintain a legal status while pursuing a full course of study at North Carolina Central University. ISS advises F-1 students on the interpretation of immigration rules and regulations of I-20, pre-arrival information, orientation information, check-in process, travel, program extension employment information, curricular practical training, optional practical training and transfers.

International Student Services is located in Suite 234, Student Services Building
Phone: (919) 530-7492

To enter the United States and study at NCCU, a prospective F-1 student must meet academic admission requirements to either the graduate program or undergraduate program.

All international students are required to apply for a full course of study. Part-time applicants are not accepted.

Apply for Academic Admission

Complete the application process and requirements for admission to the program

- Submit application, to the appropriate program with the appropriate admission requirement for that program.
- Financial Statement
- Official TOEFL (Test of English as a Foreign Language), if English is not your First Language
- North Carolina Central University will not evaluate transcripts from universities outside the United States. If you have completed courses or degree at an institution outside the United States and want to transfer the credits to North Carolina Central University, an education evaluation must be performed by an educational credential service.
- Must provide evidence of ability to cover the cost of education and living expense for a full-time course of study. Part-time study is not accepted. These documents must be dated within 6 months of anticipated enrollment. Only Original documents are accepted. Official documentation must show sufficient fund for at least one year of tuition, fees and living expenses for yourself and dependent family members, if applicable. Bank statements must be in US dollars. If family is traveling with you, student must show enough funds for family.

No Financial Aid Available to International Students.

Once admitted to North Carolina Central

University, international students will receive letter of admission and Certificate of Eligibility (I-20) to apply for an F-1 Visa.

It is important that the information you provide on your application and financial statement is correct.

Transfer Students

F-1 students currently in the United States, planning to transfer to a different institution in the United States without leaving the US.

First, Contact the International Student Services at the current school you are attending and inform them of your intent to transfer to North Carolina Central University. Ask the International Student Advisor at your present school to complete Section II of the F-1 Student Visa Transfer Clearance Form and provide a released date for SEVIS files from your present institution.

Complete and submit a F-1 Student Visa Transfer Clearance Form with attached copies of current immigration documents (F-1 visa, I-20, I-94 passport) to International Student Services.

Review the Financial documentation for a Certificate of Responsibility (1-20) for NCCU

Make an appointment with International Student Services within the first 5 days of beginning attendance at NCCU to complete the transfer process: bring your SEVIS Form I-20, passport with the valid F-1 visa, and I-94 Arrival/Departure Card.

The transfer must be updated in USCIS. Contact International Student Services at (919) 530-7492.

Change of Status

United States Citizenship and Immigration Services (USCIS) adjudicate the application for the change to F-1 status, based on the same requirements for applicant applying for F-1

status. “Non-immigrants with C, D, K, or M visa or those who entered the United States under the Visa Waiver Pilot Program, cannot change to F-1 Status in the US. Non-immigrants in J status with 2-year home country physical-presence requirement may not change status in US.”

There are two ways to apply for change of status:

- You may leave the United States and apply for a new F-1 visa at the US embassy in your country and reenter the US with the proper documentation.
- You may apply for change of non-immigrant status with the United States Immigration Citizenship and Immigration Services. Prospective students wishing to apply for change of status in the United States, contact International Student Services at (919)530-7492.

B1/B2 Visa

Non-immigrants with a B1/B2 visitors/tourist visa cannot enter the United States to pursue a course of study. The B1/B2 status may experience difficulty in changing to F-1 visa status unless you have informed your consulate/embassy of your plans to pursue a course of study and “prospective student” is on the B1/B2 visa.

Reinstatement

The F-1 student must maintain status while in the United States. Failure to follow immigration regulations, whether deliberate or not will cause you to be “out of status”. Being “out of status” terminates your ability to work or travel. Failure to maintain the terms and conditions of F-1 status are grounds for removal from the United States under INA §237(2) (1) (c) (i).

To apply for reinstatement you may travel & re-enter with a new initial SEVIS 1-20 or apply for reinstatement in United States which will require the completion of application process

for a new SEVIS 1-20. Contact International Student Services(919)530-7492.

Immunization

Immunizations are required for general admission to the United States. Immunizations are mandatory and by law in the state of North Carolina and cannot be waived. Submit immunization record immediately to the Student Health Service when you arrive. If the required immunizations are not completed within 30 days of enrollment, your registration will be cancelled by Student Health Services, which may affect your visa status. Immunization appointments can be made in Student Health Services. Call (919) 530-6317 to schedule an appointment. To complete a Medical History form, go to www.nccu.edu/campus/shcs/medialhistory.pdf

Health Insurance

North Carolina Central University requires international students to enroll in the university health insurance plan through Student Health Services. Contact Student Health Services (919) 530-6317 for more information.

Housing

All students are responsible for locating their own housing. To apply for on-campus housing you may contact Residential Life at 1-919- 530-6337 or www.nccu.edu/studentlife/residentiallife.shtml

Student Health and Counseling Services

Student Health and Counseling Services is committed to providing quality primary care to students, the development of health and wellness programming, and supporting the mental health and psycho-social needs of the student population. Services available to students include: primary medicine, routine gynecologic, pharmacy, personal counseling, psychological and vocational testing.

Student Health Services is located in the south end of the Old Health Building across from Pearson Cafeteria. Parking is very limited; therefore, one may want to have a friend bring him or her to health service, contact Campus Police for transportation, or, when feasible, walk to the Health Service.

During the fall and spring semesters, the regular clinic hours are 8 - 5 p.m., with appointments to see the providers scheduled between 8 a.m. and 4 p.m. Monday through Friday. A nurse is on duty 24 hours beginning 7 a.m. Monday through Sunday. A physician is on call to the nurse after 5 p.m. weekdays and on weekends. The door to the health service is locked after 5 p.m. for security reasons. For your safety, contact Campus Police or a friend to escort you to the Student Health Services. Ring the doorbell for admittance. In case of an emergency in the residence hall, notify the resident director or the security officer. During the summer months the hours are 8 a.m. to 5 p.m. Monday through Friday, with appointments scheduled between 8 a.m. and 4 p.m. The health service is closed on the weekends. A physician is on call for consultation.

The costs of medical services not covered by the health fee are the responsibility of the student, unless covered by health insurance. Counseling services are free and confidential. These services are available to students in Suite 120, First Floor, Student Services Building.

Student Health and Accident Insurance

The student health fee is not the same as the student health and accident insurance. The student health fee entitles students to free services at Student Health Services except for those fee-designated services. The student health and accident insurance is mandatory for all students at the current cost of \$138 per semester, or \$276 annually for a 12-month period. The policy is subject to renewal each year.

Students who wish to have the Health and Accident Insurance waived for the semester must present their individual insurance card to Student Health Services (the Infirmary) to show proof of coverage and complete the Insurance Waiver Form during the regular registration period. Waiver requests must be approved each semester by Student Health Services and taken to the Student Accounting Office before the student's account is adjusted.

The insurance is designed to supplement the services provided by Student Health Services and other health plans. It provides twenty-four-hour coverage during the term of the policy whether on or off campus and during vacation periods. A student must first be seen by Student Health Services before using the insurance externally, unless there is an emergency or the medical visit meets the criteria for utilization without a Student Health Services referral. The insurance covers only a percentage of incurred costs; the remaining costs are the responsibility of the student and his or her family. Full information concerning benefits under this health and accident plan may be secured from Student Health Services, including a copy of the Master Policy.

Two observation beds are available for overnight observation of minor illnesses. More extensive observation is limited to family and close friends. True emergencies (i.e., poisonings, overdose, suicide attempts, severe injuries, heart attacks, and severe breathing problems) are referred to a local emergency room. A student is referred to a local consultant if further evaluation of a medical problem is deemed necessary by a Student Health Service provider.

Explanations for classes are granted only if the student has been seen by a Student Health Services provider and has been advised not to attend classes or has a note from an external health care provider on his/her stationary or excuse pad.

Student Activities Office and Union Programs

The Alfonso Elder Student Union is the meeting place of students, faculty, administration, alumni and guest. The Union is the point where the academic, cultural, social and recreational lives of the University come together. The Union provides students with the opportunity to get to know and understand one another outside the classroom by sharing the day-to-day services and conveniences. The Student Union also provides services and facilities needed for the social, personal, and intellectual development of individual students and groups of students. It is an extension of the classroom as much through conversations-over-coffee as through scheduled discussion, structured activities, exhibits, seminars and resources. At the same time, groups and individuals alike find here needed relaxation from the academic routine. Well maintained and secure facilities are also provided to students, faculty, staff, administrative professionals, administrative and academic department groups, alumni and community.

The Alfonso Elder Student Union is headquarters for the Student Activities Board (SAB) and the Student Government Association (SGA) student organizations. It is a vital part of the total educational process, a laboratory in living/learning where self-direction and self-realization are encouraged, where valuable lessons in citizenship, social responsibility and leadership can be learned. The Union is meant to be, and should be, both many things to people and a unifying force - the center of campus life at North Carolina Central University.

Student Union Advisory Board and Student Activities Board

The Advisory Committee assists the Student Union Director in establishing operational rules and policies. The committee also assists with Union budgets, long-and-short-range goals, reviewing Union activities, and considers the

concerns of the student body regarding the Union operation.

The Student Activities Board is a vital part of the Union operation. Its members and staff advisors initiate, execute and evaluate programs of cultural, educational, recreational, social and other enrichment needs and desires of the campus. The board also assists with other phases of the Union operation. Membership on the board is open to any student enrolled at North Carolina Central University.

Student Government Association

The Student Government Association affords the opportunity for students to participate democratically in the government of certain extracurricular activities affecting the entire student body of the institution. Upon registration each student becomes a member of the Student Government and is invited to participate in selection of representatives to the positions which carry out appropriate student government activities.

For complete information on North Carolina Central University Student Government (NCCUSGA) organization and how you can participate as a student, contact the office of the Director in the Student Activities/Student Union of A. Elder Student Union.

Publications

Students are involved in the writing, editing, and production of several publications at North Carolina Central University.

The Campus Echo, NCCU's student newspaper, has established itself as one of the nation's top HBCU print and online student newspapers. In 2004, the print and online editions won a record eight first place awards from the Black College Communication Association. The paper has also received top honors from the Society of Professional Journalists and the Associated

Collegiate Press Association. Former editors and staff writers are now employed at the Durham Herald-Sun, the News and Observer, a New York Times regional newspaper, the Atlanta Journal-Constitution, and the Detroit Free Press. The Campus Echo is published by and for students, and participation is open to all students. Freedom from censorship is assured by the paper's constitution and the University. Production facilities at the Campus Echo have state-of-the-art computers and desktop publishing and graphics software. Student photojournalists at the paper can work with both 35mm and digital cameras.

The Eagle is the University yearbook. It is published by a student staff under the guidance of faculty advisors. Membership on the yearbook staffs is open to all students. This annual publication is issued near the end of the spring semester and pictorially covers the people and events of the year.

Ex Umbra is a magazine of the arts that provides a forum for students' creative expression.

WNCU 90.7 FM

WNCU 90.7 FM is a 50,000-watt non-commercial, non-profit, full-service radio station licensed to North Carolina Central University. WNCU operates twenty-four hours a day, seven days a week, and provides its listeners with music, news and information as an alternative to the radio services currently available to the Triangle area.

WNCU's coverage area includes the Triangle Metro area (Durham, Raleigh, and Chapel Hill) as well as portions of twelve other counties (Chatham, Granville, Vance, Person, Wake, Orange, Caswell, Alamance, Lee, Franklin, Warren and Harnet).

Since its debut in August 1995, WNCU, 90.7 FM, has consistently fulfilled its mission to provide quality cultural programming to public radio listeners in the Triangle area. The format of this

listener supported public radio station entertains the jazz aficionado, educates the novice jazz listener, and disseminates news and information relative to the community-at-large.

WNCU continues to provide students with a professional experience in radio through one-on-one and hands-on training and instruction. It is our goal to provide a quality, responsive radio service while providing a realistic radio environment for our students to learn the operation of one of the world's most powerful forms of media.

For more information, call 919-530-7445 or log on to www.wncu.org.

Audionet: Campus Access Radio

AudioNet: Campus Access Radio is the student voice of North Carolina Central University. A student-operated radio station, AudioNet is an extension of WNCU-FM. It serves the student population of NCCU by providing music, news and information through NCCU's closed circuit cable network channel 9 and on the Internet. AudioNet's purpose is to give students who are interested in radio and broadcast journalism an opportunity to be trained in radio production in an educational and fun environment.

AudioNet's format is primarily Urban Contemporary; however, AudioNet serves the student population with a variety of specialty music programming including Gospel, Hip-Hop, Reggae, Go-Go, R&B Oldies and Alternative Rock. AudioNet also offers entertainment and talk/public affairs programming. Students who have worked at AudioNet have gone on to work professionally at commercial radio and television stations.

AudioNet: Channel 9 provides viewers with photographs of campus life, information about upcoming events, and photos and other information about the artists and the music aired on the station.

AudioNet: Campus Access Radio Online provides students with an alternative means of listening to AudioNet. Information on programming, DJs, and campus news and events can all be found online. From the site, students can listen to the station via Real Player or WinAmp.

At the beginning of each semester, the staff and management of AudioNet interview and hire new volunteer staff members. All potential staff members, including work study, media practicum, and volunteers, are required to attend a one-week training session and to pass a written examination before becoming an official staff member. For more information about AudioNet: Campus Access Radio, one may call 919-530-7592 or email the station at audionet@nccu.edu.

Residential Life

Housing

All students are responsible for locating their own housing. To apply for on-campus housing you may contact the office of Residential Life by calling (919) 530-6227 or on line at www.nccu.edu/studentlife/residentiallife.shtml

The Department of Residential Life, located on the ground floor of the Student Services Building, is responsible for the quality of life within the residence halls. The University has housing facilities for approximately 2900 residents. All rooms include cable television, individual phones, and two computer port jacks. All residential halls feature laundry facilities, TV lounges, and fully staffed offices. Undergraduate Residence hall students are required to register for a meal plan in the University cafeteria.

Room Reservations

Room reservations are made by Residential Life according to the date that the contract and deposit are received. Since there may not be enough housing on campus for all students, those who apply first will receive reservation

first. Priority for on-campus housing is given to freshmen students.

Requests for roommates must be mutual. Requests for certain rooms are honored contingent upon the rooms being available when the application/contracts are processed for assignment. Assignments are made on a first-come, first-served basis.

Application/Contract and Deposit

A Residence Hall application-contract and a non-refundable deposit of \$150.00 or \$200.00 must be submitted to the Bursar's Office to reserve space for the fall and/or spring semesters. New students arriving for the fall and/or spring semester are also required to pay a one-time \$50 damage fee. The damage fee will remain on deposit until the student either graduates or officially withdraws from the University. The term of the application/contract is for one academic year consisting of two semesters, from the first day of the fall semester to the last day of the spring semester. Application/contract accepted for the spring semester shall be for that semester only. Students must assume occupancy within two weeks of the first official boarding day.

Reservations and assignments of rooms for summer school are made separately from the regular school year. Students interested in on-campus summer housing should obtain an application/contract from the Department of Residential Life.

Off-Campus Housing

When the supply of living spaces on campus is exhausted, students will be referred to city residences that have been listed with Residential Life by private or commercial owners. The provision of listed city residences is a service, not an approval rating.

Each student who resides off-campus away from home is directly responsible to his or her landlord or landlady for the cost of his or her

living accommodations. See “Student Handbook and Residential Life Guide to On-Campus Living” for additional housing regulations. Additional housing information may be obtained from:

Department of Residential Life/NCCU
Durham, NC 27707
(919) 530-6227

Food Services

The food services at North Carolina Central University are operated for students, faculty, staff, and guests of the University.

North Carolina Central University offers on-campus students a modified board plan in the W. G. Pearson Cafeteria. These board plans are basically for students who are housed in the University residence halls. Students not living on campus, and others, may purchase meals on a cash basis/points basis.

The Deli, a cash/point operation located in the annex of the W. G. Pearson Cafeteria, offers breakfast, a variety of delicatessen items, sandwiches, salad bar, and daily luncheon specials. The Eagle’s Nest Food Court, a cash/point operation, is located in the lower level of the Student Union Building. The Eagle’s Nest contains Li’l Dino’s Subs & Sandwiches, Pizza Inn Express, and Kentucky Fried Chicken. The University also has vending operations that offer quick snacks, sandwiches, and beverages throughout the campus.

Eagle Express Account

The Eagle Express Account (EEA) is a declining balance program that works like a credit card in reverse by using your NCCU identification card. The EEA nearly eliminates the need to carry cash and gives you unparalleled purchasing power on campus. To open an account, students go to the Eagle Card Office located in the W. G. Pearson Cafeteria Annex Building, Room 203, between 8:30 a.m. and 2:30 p.m. Checks, cash, MasterCard or VISA charge cards are accepted,

and deposits in increments of \$25 or more may be made via mail. Additional information may be obtained by calling the Eagle Card at (919) 530-5010.

Student Store

The North Carolina Central University Student Store, located on the ground floor of the Alfonso Elder Student Union, is the official source for the purchase of textbooks, school supplies and emblematic school paraphernalia. Providing educational materials—primarily textbooks—has been the purpose of the Student Store since it first opened its doors.

The Student Store offers a full selection of the highest quality general school supplies including computer hardware and software academically priced. Furthermore, just as trade and reference books are chosen to meet individual campus needs, specialized school supplies for art, chemistry, nursing curricula, etc., are selected to meet the needs of our campus. The most popular way for students, faculty and alumni to demonstrate their school spirit and pride is by wearing clothing and using other insignia merchandise such as banners, decals, class rings, glassware, etc., that display the school name. The Student Store is extremely proud of the selection of school paraphernalia available through our gift catalog and website located on the University home page.

The Student Store is a self-supporting unit that pays all operational expenses, merchandise costs and capital improvements out of receipts, and returns any residual money to the student body through scholarship program. Please know that your support of Student Stores makes an important contribution to the academic mission of the University. By shopping with us, you’re helping to fulfill a lifelong dream of many of our students and their families, and thus we all win.

Postal Services

A U.S. Post Office branch, which provides all postal services, is located in the basement level of the Alfonso Elder Student Union. Post office boxes, which are available for rent by all residential students, are located on the lower level of the Student Union. There is no mail delivery available to the residence halls. The cost for box rentals is \$15 per semester. Boxes are also available during each summer session at \$8 per session.

NCCU Ticket Office

The NCCU Ticket Office is located on the lower level in the Pearson Cafeteria, and is responsible for the centralization of ordering, inventory control, and sale of tickets for special events at North Carolina Central University. All tickets required for University sponsored events are ordered and sold through the NCCU Ticket Office.

Such special events that require the sale of tickets have been sponsored by, but not limited to Athletics, University Theater, Alfonso Elder Student Union, Student Government Association, Lyceum Committee, Student Activities, Student Affairs/Student Life, etc. The NCCU Ticket Office is responsible for conducting advance and day-of-event sale of tickets, organizing and implementing strategies for selling season tickets, and other group ticket packages for all campus organizations. The NCCU Ticket Office supports the educational efforts of the University by providing courteous, high quality services to the students, faculty and staff. The office further introduces new technologies and automation to the University community which makes services more accessible to the customers we serve.

The University Theatre

The award-winning University Theatre has been

a campus treasure over the years because of the high quality theatrical productions for which it is famous. In 1991 the Department of Dramatic Arts ranked among the top five college and university theatre producers in the nation out of 850 competitors in the American College Theatre Festival, which culminated with performances at the John F. Kennedy Center for the Performing Arts in Washington, DC.

The University Theatre presents four performances each season. These can include musicals, dramas, comedies, operas, or children's theatre. Students are encouraged to audition for these presentations at the announced times.

The University Theatre participates annually in both regional and national dramatic competitions.

Performing Musical Ensembles

The musical ensembles of the University are an integral part of the Department of Music. Membership is open to any interested student who has instrumental or vocal experience, with the approval of the director of the particular ensemble. Credit is granted for participation in the band and choir, and in the brass, woodwind, guitar and handbell ensembles. Participation by non-music majors may be supplemented by private lessons for which the student can obtain credit.

- The University Band is open to all students who successfully complete the required audition. Auditions are held during the middle of August each year and are primarily for the purpose of seating assignments. The band, composed of approximately 175 individuals, is the highlight of all NCCU home football games, many away football games, and many parades in and out of the city of Durham. The versatility of the band is extraordinary. One moment the band is executing a precision drill routine and the next moment it is

serenading the audience with one of the most beautiful ballads one could ever expect to hear. The finale of each half-time performance by the NCCU band is its execution of intricate dance steps. The band's dance routine is awaited by all, for everyone knows that they are about to see band entertainment at its best.

- The University Choirs perform at formal University activities, concerts and various community music services. Representative choral music is studied and performed. The touring choir, which has an annual spring tour, has performed at Carnegie Hall in New York City and the Kennedy Center in Washington, DC.
- The String Ensemble performs all types of literature written for strings.
- The Brass Ensemble performs all types of literature written for brass.
- The Woodwind Ensemble performs all types of literature written for woodwinds.
- The Jazz Ensembles are comprised of two big bands and a vocal ensemble. They perform a concert in the fall and are featured in concert with the NCCU Grady Tate Jazz Festival in the spring. The Ensemble performed in Montreux, Switzerland and at the White House Press Conference during the Clinton years

Assemblies, Lectures and Concerts

In addition to classroom education, a varied program of cultural attractions under the sponsorship of the Forum Committee and the Lyceum Committee is offered. The Forum Committee invites distinguished scholars and persons prominent in public affairs, both state and national, to deliver lectures and addresses at various assemblies. The Lyceum committee invites, concert artists, musical groups,

lecturers, debates, dance groups, international artists and scholars to the University.

The University Art Museum

The NCCU Art Museum, dedicated in 1977, is a handsome, free-standing facility designed especially to house the University's growing art collections and temporary exhibitions. Emphasis has been placed upon the promotion of art exhibits to expose the campus community, in an educational manner, to a broad array of visual art.

The Art Museum exists primarily as a teaching institution; therefore, its collections and temporary exhibitions are chosen to reflect diversity in style, technique, medium and subject. The focus is on American art, but because NCCU developed as a historically black institution, the museum has, as a consequence, built a collection which focuses on works by African Americans. The collection, however, is not limited to these artists' works. Through gifts, fine art creations by European artists, traditional African art and some Oceanic works have been acquired. The collecting policy complements those of other area museums.

In addition to selections from the permanent collection which are on view in the Carol G. Belk Gallery throughout the year, there are five annual special exhibits. The Art Museum is a highly visible and vital part of a complex that is devoted to the arts, and makes a very real, perhaps unique, contribution to the image of the State of North Carolina as "the state of the arts." The museum is open to the public.

Student Organizations

North Carolina Central University has a variety of clubs and organizations to which students can apply for membership or to which participation is open to all interested students. There are several social, service and professional organizations that are recognized by the University. In addition, there are many honor societies, fraternities, and sororities. Some of these are:

Alpha Kappa Delta National Sociological Honorary Society, Gamma Chapter. Membership is open to sociological scholars, graduate students, and senior and junior sociology majors who have maintained an average of “B” or above in all subjects.

Alpha Kappa Mu Honor Society, Kappa Gamma Chapter. Undergraduates who have earned 70 semester hours of credit with a cumulative average of 3.3 or above and who rank in the highest 20 percent in scholarship in their respective classes are eligible for membership.

Beta Kappa Chi National Scientific Honor Society. The purpose of this society is to encourage and advance scientific education through original investigation, the dissemination of scientific knowledge, and the stimulation of high scholarship in pure and applied science. Those eligible for membership must have a 3.0 cumulative grade point average overall, 3.0 cumulative grade point average in the major area, and 17 semester hours in the major area of one of the following scientific fields: biology, mathematics, chemistry, geology, astronomy, physics, anthropology, experimental and/or clinical psychology.

Gamma Theta Upsilon Fraternity in Geography, Gamma Pi Chapter. Membership in the college chapter is open to outstanding major or minor students in geography, provided they have completed 12 semester hours in geography and have achieved a minimum grade point average of 3.0 in geography and a cumulative average of 2.3 in all of their college courses.

Kappa Omicron Nu, Honor Society for Family and Consumer Sciences majors, Kappa Gamma Epsilon Chapter. Membership is open to undergraduate and graduate students enrolled in Family and Consumer Sciences or one of the specializations. Undergraduates must have completed 45 semester hours or

equivalent and have a minimum GPA of 3.0 on a 4.0 scale. Graduate students must have completed 12 semester hours of graduate work or equivalent and have a minimum GPA of 3.5 on a 4.0 scale.

Phi Alpha Theta Honorary Fraternity in History, Epsilon Alpha Chapter. Membership is open to history majors of junior, senior, and graduate classification who have completed 15 semester hours in history with a grade point average of 3.5 or above, and have an average of 3.0 in all other subjects.

Pi Delta Phi, National French Honor Society. Membership in the University chapter is open to outstanding students majoring or minoring in French language and literature, provided they have completed one semester of upper division college work in French and have achieved a minimum grade point average of 3.0 in all French courses and a cumulative average of at least 2.8 in all their college courses. Graduate students in good standing who are candidates for their advanced degree in French are also eligible.

Pi Gamma Mu, National Social Science Honor Society. The purpose of this society is to improve scholarship in the social studies, to inspire social service to humanity by an intelligent approach to the solution of social problems, and to engender sympathy toward others with different opinions and institutions by a mutual understanding.

Pi Mu Epsilon, National Honorary Mathematics Fraternity. This is a non-secret organization whose purpose is the promotion of scholarly activities in mathematics among students in academic institutions and among the staffs of qualified non-academic institutions. Membership is open to undergraduate and graduate students who have completed their mathematical work with honor (at least a “B” average) and who are in the top one-third of their class in their general college work.

Psi Chi, National Honorary Society in Psychology. Established on the campus of Carolina Central University in 1960, is devoted to the purpose of advancing the science of psychology and encouraging students to maintain good scholarship. Membership may be active, alumni or honorary. All psychology majors and minors who have completed at least eight semester hours, or six semester hours and registered for two additional hours in psychology, are eligible to apply for membership. Members must be academically in the upper third of all undergraduates enrolled in psychology, and in the upper half of undergraduate students in other subjects. Graduate students must have a “B” or better overall average.

Sigma Delta Psi Honorary Physical Education and Athletic Fraternity, Delta Mu Chapter. Membership is open to all male students only, and not delinquent in scholarship and who are able to pass the motor skill test prescribed by the constitution. The object of the society is to promote physical, mental and moral development of the college student.

Sigma Tau Delta, National English Honor Society. Established at North Carolina Central University in 1963, this society encourages the study of language and literature. It also serves to give distinction for high achievement in undergraduate, graduate, and professional studies in English. Membership is open to students who have two college English courses beyond the required freshman English courses, a “B” average in English, a ranking in the top 35 percent of his or her class in general scholarship and a 3.0 average for at least three semesters of college course work.

Pan Hellenic Council Members (Greek-Letter Organizations):

Sororities

- Alpha Kappa Alpha
- Delta Sigma Theta

- Sigma Gamma Rho
- Zeta Phi Beta

Fraternities

- Alpha Phi Alpha
- Kappa Alpha Psi
- Phi Beta Sigma
- Omega Psi Phi

Athletics and the Athletic Program Philosophy

North Carolina Central University places the highest priority on a quality academic and athletic experience as part of the overall education of student-athletes. We affirm academic excellence as the cornerstone to the mission of the institution, as well as the physical, mental and social well being of all those admitted. In so doing, we seek to strengthen the integration of athletic program objectives with academic development objectives.

NCCU recognizes the positive impact of athletic participation on the individuals, campus community and community-at-large. Consistent with these, the athletic program seeks to encourage attitudes of integrity, fairness, respect for others, dedication to goals, equal access, and a zeal to present a national model program that culminates into strongly competitive performances in the classroom and on the athletic fields.

North Carolina Central University’s athletic programs have enjoyed regional and national recognition for years. Seven women’s sports and six men’s sports participate in the National Collegiate Athletic Association (NCAA) and the Central Intercollegiate Athletic Association (CIAA) at the Division II level.

NCCU competes in men’s and women’s basketball, men’s and women’s cross country, football, softball, men’s and women’s indoor and outdoor track, men’s and women’s tennis, women’s volleyball, and men’s golf, and women’s bowling. In 1989, NCCU became the first Durham basketball team to win an NCAA

title by claiming the NCAA Division II Men's Basketball National Championship.

NCCU teams have also enjoyed recent success in conference play, winning CIAA Championships and competing in NCAA regionals in men's tennis (1998), women's softball (1998 and 1999), men's cross country (2004) and women's volleyball (1999 and 2004). Many track and field student-athletes have captured individual conference and national titles. Elisha Marshall (1998) and Jason Smoot (2002) both became national champions by winning the women's and men's 100-meter dash at the NCAA Division II Outdoor National Championships.

Several former student-athletes and coaches are nationally and internationally known. Heading the charge of the 1996 Atlanta Olympic Games was Dr. LeRoy T. Walker, President of the U.S. Olympic Committee, who lifted the Eagle track and field program to international prominence during his unprecedented tenure as head coach at NCCU. Under Walker's reign, the Eagles produced 30 national titles, 77 All-Americans, and 8 Olympic medalists. Legendary basketball practitioner, John B. McLendon, a member of the National Basketball Hall of Fame, established a remarkable record of 239-68 (.779) as an Eagle head coach from 1940 to 1952. A student of the late Dr. James Naismith, the inventor of basketball, McLendon is credited with the development of the zone press, fast break and four corners offense.

Boston Celtic great Sam Jones, a student-athlete under McLendon and a fellow Hall-of-Famer, became the first black player to be drafted in the first round after scoring a record 1,745 points during his stellar NCCU career. Internationally-renowned artist, the late Ernie Barnes, best-known for his famous paintings seen on the 1970s sitcom, "Good Times," played football for NCCU prior to a professional gridiron career with the Baltimore Colts, San Diego Chargers and Denver Broncos.

The LeRoy T. Walker Physical Education Complex houses a multi-purpose gymnasium, Olympic-sized swimming and diving pool, athletic training facilities, strength and fitness center, and much more. O'Kelly-Riddick Stadium hosts NCCU football action for a capacity crowd of 10,000 dedicated Eagle fans. In November, McLendon-McDougald Gymnasium lights-up with men's and women's basketball excitement.

The university's Physical Education, Recreation And Dance Department also provides a wide range of indoor and outdoor athletic and recreational opportunities for students not involved at the intercollegiate level.

Academic Programs & Institutes

North Carolina Central University offers undergraduate programs leading to the following degrees.

The College of Liberal Arts

The College of Science and Technology

The College of Behavioral and Social Sciences

- Bachelor of Arts (B.A.)
- Bachelor of Arts in Public Administration
- Bachelor of Science in Athletic Training (B.S.A.T.)
- Bachelor of Science (B.S.)
- Bachelor of Science in Family and Consumer Sciences (B.S.FCS.)
- Bachelor of Science in Nursing (B.S.N.)
- Bachelor of Music (B.M.)
- Bachelor of Social Work (B.S.W.)
- Bachelor of Science-BRITE
- Bachelor of Public Administration

The School of Business

- Bachelor of Business Administration (B.B.A.)

The School of Education

- Bachelor of Arts (B.A.) degree

Major Areas of Concentration

Majors offered for the Bachelor of Arts Degree

Art

Elementary Education

English

French

History

Mass Communications

Middle Grades Education

Music

Political Science

Psychology

Public Administration

Social Sciences

Sociology

Spanish

Theatre

Comprehensive Science

Comprehensive Science

Majors offered for the Bachelor of Science Degree

Biology

Biopharmaceutical Science

Chemistry

Computer and Information Science

Criminal Justice

Environmental Science

Geography

Health Education

Mathematics

Nursing

Parks and Recreation Management

Biomanufacturing Research Institute and

Technology Enterprise-BRITE

Physical Education

Physics

Majors offered for the Bachelor of Business Administration Degree:

Accounting

Business Management and Administration

Business Economics

Majors offered for the Bachelor of Science in Human Sciences Degree:

Family and Consumer Sciences

Family and Consumer Sciences with licensure

Birth through Kindergarten with licensure

Major offered for the Bachelor of Music Degree:

Music (Jazz and Sacred Music)

Major offered for the Bachelor of Social Work Degree:

Social Work

Some of these majors may offer several areas of concentration. Students should consult the "Academic Program" section of the Catalog for the college or school offering the major of interest for more details.

Minor Areas

Any undergraduate student has the option to declare a minor in an academic area offered through the College of Liberal Arts, College of Behavioral and Social Sciences, and College of Science and Technology, School of Business and School of Education. The minor will consist of not less than twenty (20) semester hours designated by the College's/School's departments and programs. The minor field will be indicated on student transcripts and students will be held accountable for satisfying the designated requirements for the minor field, just as for the major field.

Minors have been approved for the following program areas:

Art
Biology
Business
Chemistry
Child Development
Computer Science
English (Literature or Writing)
Family and Consumer Sciences Education
French
Geography
German
Health Education
History
Mass Communications
Mathematics
Music
Philosophy
Physical Education
Physics
Political Science
Public Administration
Spanish
Sociology
Textiles and Apparel
Theatre

Admission to the University College

Beginning Fall 2008, all new freshman and new transfer students regardless of majors were admitted to the University College. New freshmen students will remain in the University College for two years and will have to master specific competencies at a given level before moving into their major schools or colleges. New transfer students are admitted into the University College for six weeks to two years, depending on the number of transfer hours earned upon admittance to NCCU. Students seeking admission to the School of Business, the School of Education, the Department of Nursing, or the Criminal Justice Program should submit applications to the appropriate school or department generally during the third semester of enrollment. The student should consult the section of this catalog pertaining to the area in which he or she is interested for specific requirements for admission to these areas and details in applying.

Dual Degree Program of Study in Engineering

A dual degree program of studies is available whereby an undergraduate student will attend North Carolina Central University for approximately three (3) academic years and the Georgia Institute of Technology, Duke University or North Carolina State University for approximately two (2) academic years. After completing the academic requirements of the two cooperating institutions, the student shall be awarded a bachelor's degree from North Carolina Central University and one of the several designated bachelor's degrees awarded by the Georgia Institute of Technology, Duke University, and North Carolina State University. The total study program at NCCU shall have a minimum number of hours equal to $\frac{3}{4}$ (93 semester hours) of the total hours required by the University for the award of the bachelor's degree. The student shall not be admitted to Georgia Tech with full fourth-year standing until this requirement is met. The student pursuing the Dual Degree Program may be jointly enrolled at both institutions. He/she will remain

on special standing at Georgia Tech until he/she meets the 3/4 requirement at NCCU. Special student standing will not prevent the student from enrolling in any course at Georgia Tech for which he/she has met the prerequisites.

To obtain the full fourth year standing at Georgia Tech the Dual Degree Program student must have, in addition to the 3/4 requirement at NCCU, the recommendation of the dean of his/her college or school and must have a grade point average and specified test results which would indicate that he/she could satisfactorily complete the degree requirements at Georgia Tech.

The Dual Degree Program student will be required to complete a Georgia Tech study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the particular degree being sought. If the official study program at Georgia Tech for the Dual Degree candidate includes free electives and the candidate has excessive hours of credit at NCCU, he/she may petition that these excess hours be used as transfer credit to Georgia Tech. Such transfer credit shall not exceed more than one-half of the official study program at Georgia Tech.

Institutes and Centers

Julius L. Chambers Biomedical/Biotechnology Research Institute

North Carolina Central University's Julius L. Chambers Biomedical/Biotechnology Research Institute (JLC-BBRI) is the culmination of years of intensive planning to expand the University's research capacity, particularly in the biomedical and biotechnology areas. The JLC-BBRI, a 40,000 square foot, state-of-the-art building, houses scientists working in an environment designed to support research in four broad areas: (1) cardiovascular diseases, (2) drug abuse, (3) cancer/environmental toxicology, and (4) genomics. In addition to modern research laboratories, the building includes an auditorium

with capability for full motion videoconferencing, a science library, a molecular sciences core facility, a visualization and imaging laboratory, and several laboratories for conducting safety/efficacy studies. Academically strengthening activities sponsored by the JLC-BBRI are enhancing NCCU undergraduate and graduate curricula in areas such as Biology, Business, Chemistry, Environmental Science, Health Education, Human Science, Law, and Nursing.

Development of the JLC-BBRI was achieved through collaborations with Duke University, The University of North Carolina, North Carolina State University, National Institutes of Health, The Environmental Protection Agency, businesses and industries in the Research Triangle area of North Carolina, and a major grant from GlaxoSmithKline. Continuing these relationships and establishing new cooperative ventures with research-related enterprises are important elements of the JLC-BBRI's strategic approach to achieving its long-term vision.

The Institute for the Study of Minority Issues

On July 1, 1992, the Institute for the Study of Minority Issues became the operational name of the former Institute on Desegregation.

The Institute began in 1969 as The Center for the Study of Desegregation, with a series of meetings initiated by Dr. Albert N. Whiting, then President and now former Chancellor of North Carolina Central University.

The initial and subsequent meetings by faculty and staff members of North Carolina Central University and The University of North Carolina at Chapel Hill formed the basis from which a series of research studies and grants were developed. These initiatives served to focus attention and efforts towards resolving problems related to school desegregation. To reflect the mission and the research efforts of the faculty, the Center for the Study of Desegregation was changed to the Institute on Desegregation.

Twenty years later, in 1992, the Institute leadership began to develop a new set of strategies in response to transformations of societal institutions. Many of these changes resulted from mandated desegregation—the force that facilitated the emergence of the New South.

Subsequently, the name and mission of the Institute for the Study of Desegregation were changed to make its purpose more relevant and responsive to the issues facing minorities in the late twentieth and early twenty-first centuries.

Mission and Goals

The mission of the Institute for the Study of Minority Issues is to promote faculty, student and institutional research related to minorities, particularly African Americans, in the New South. The research addresses social and economic issues, health, education, and psychological, technological and environmental policies. The ISMI staff and members evaluate community development models, provide technical support, and conduct program evaluations for organizations and other institutions.

In pursuit of its goal to conduct research related to the New South, ISMI has set the following objectives:

- Developing research proposals which can be funded by outside agencies to obtain release time for NCCU faculty and faculty from other ISMI affiliated institutions;
- Serving as a clearinghouse for demographic materials, working papers, articles and curriculum guides;
- Disseminating research data and published reports to public and private institutions, agencies, schools and community organizations;
- Providing opportunities which involve students in research and training;

- Facilitating forums to discuss issues related to minorities in the New South, e.g. diversity, race relations, multicultural, and alternative schools; and

- Identifying and developing models, techniques, and approaches that are relevant to community, state, and nation.

The Center For University Teaching and Learning

The Center for University Teaching and Learning, located in the Farrison-Newton Communications Building, provides opportunities for faculty members to improve the quality of instruction for undergraduates and graduates at the University. The Center services all schools and colleges of the University, and its mission is to foster excellence in teaching and learning. The Center is comprised of four components: (1) Faculty Development, (2) Instructional Technology Support and Creative Services, (3) Telecommunication Center, and (4) Video Production/services/TV Studio. These units work closely with the NCCU community to enhance, create, and maintain a state of readiness toward technology advancements.

The Center provides instructional materials and education technologies to supplement instruction in all academic areas, and services are also available to NCCU faculty, staff, students, and campus administrators. Users have access to a variety of instructional equipment, including some of the traditional equipment, such as overhead, slide, opaque, and filmstrip projectors; 35mm cameras; CD/DVD players; television monitors and VCR's; audio cassette tape recorders; and 16mm motion picture projectors. Also, more advanced technologies including computers, laptops, flatbed scanners, poster printers, camcorders, digital cameras, LCD panels, and video projectors are available. Services include equipment loans, media production and duplication, instructional development lab and

instructional materials, audio and video productions, faculty and staff computer training, and faculty and staff development seminars/workshops/courses.

The Teleconference Center provides teleconferencing and distance learning to faculty, staff, students, and administrators through interactive video. Courses and seminars can be broadcast live via the NC-REN (North Carolina Research and Educational Network), NCIH (North Carolina Information Highway), and Video over IP (Internet Protocol), with two-way interaction with remote sites through the state, and ISDN Videoconferencing with remote sites throughout the world using H.323. The Video Classroom is located in Room 351 of the Shepard Library, and has the capability for producing overheads, computer generated text and graphics, computer networking, slides, and videotape recordings and playback. The Videoconference Room is located in Room 355 of the Shepard Library.

North Carolina Health Careers Access Program and Center

The Health Careers Program at North Carolina Central University has existed for more than thirty years. During this time it has worked cooperatively with academic departments to prepare students seeking admissions to professional health and medical programs of student upon graduation. To this end many graduates have been successful in gaining admissions to the professional programs of their choice and are currently practicing and/or working in North Carolina and the nation.

The Health Careers Program offers a variety of services and activities including information on different health, medical, and research oriented programs. The variety of services include recruitment activities to encourage high school and college students to become health and medical professionals; advising services on health career opportunities, options, and financial aid resources in cooperation with university student services; enrichment

programs which include workshops, seminars, and the development and dissemination of resource material to improve reading, studying and test-taking skills; and advocacy services to facilitate admission to professional health and medical programs.

The Health Careers Programs assists students interested in pre-medical and allied health careers with information about professional schools in the United States and abroad. Information and materials are available concerning admission requirements, health and medical professional schools and colleges, financial aid and career options. Tapes, study materials, and brochures are available to help improve test scores, and reading rate. By taking advantage of these opportunities and others, students are able to increase their competitiveness for admission to health and medical professional schools and colleges. A standardized test prep workshop is sponsored on campus each year to guide pre-health professions students to a successful test experience. Trips to health care agencies, medical centers, medical, dental, pharmacy and allied health schools and colleges, as well as networking opportunities and recruitment seminars are scheduled through the Health career Center office at least twice a year.

The Health Careers Program offers opportunities for students to participate in enrichment programs throughout the academic year and the summer. Some of the programs students have found to be quite helpful are discussed below.

The Clinical Summer Health Program is a ten-week program conducted each year in conjunction with Duke University Medical Center. Its purpose is to increase the potential of NCCU student participants for success in health training programs by allowing them to experience a health delivery system during their academic preparation. It is a paid educational/work learning experience in which students are placed in 40-hour per week positions directly under the supervision of health or medical professionals. Health science

seminars are conducted and there is interaction with a variety of health and medical professionals.

The North Carolina Health Careers Access Program (NC-HCAP) is an inter-institutional program of the University of North Carolina system which operates under the aegis of the Division of Health Affairs at the University of North Carolina at Chapel Hill. The mission of NC-HCAP's is to increase the number of under-represented minorities, and individuals from disadvantaged backgrounds who are trained, educated, and employed in the health professions. Many NCCU students have been active participants in the Science enrichment Program (SEP) which is sponsored by NC-HCAP. The SEP is an eight week honors-level academic enrichment program for students who plan to pursue careers in health care.

The Boston University Early Medical School Selection Program (EMSSP) is designed to provide an early decompressed transition into the medical school curriculum through provisional acceptance into medical school at the completion of two years of undergraduate study. A student accepted into the program will remain at his or her undergraduate institution during his or her junior year and pursue a program of study that will best prepare the student to spend his or her senior year at Boston University. During the student's senior year at Boston University, he or she will participate in an individualized program of study designed to satisfy the undergraduate academic requirements while providing a gradual transition into the medical school curriculum. Contact the Health Careers Center for detailed information.

The Health Careers Club provides motivational activities to encourage, inspire, and prepare students to pursue careers in health and medical professions. Students who major in other fields of study are encouraged to join so they can explore various health and medical career options and interact with role models.

The Health Career Program cooperates with the Department of Allied Health Sciences at the University of Chapel Hill to implement the North Carolina Access, Retention and Completion (NC-HC-ARC) Initiative in Allied Health. The program seeks to sponsor activities that will inform, recruit and enroll NCCU students in an Allied Health Profession.

The Health Careers Program also coordinates summer experiences for NCCU students interested in the following programs: The Medical Education Development (MED) program at the University of North Carolina at Chapel Hill Schools of Medicine and Dentistry; and the Pharmacy Readiness and Enrichment Program (PREP) at Campbell University School of Pharmacy. Please contact the Health Careers Center for information on these and other summer opportunities currently planned.

The Historically Minority Colleges and Universities Consortium (HMCUC)

Mission

The mission of the Historically Minority Colleges and Universities Consortium is to provide a network of educational support and link the vast educational resources of higher education institutions and K-12 schools to communities.

Goals

The primary goals of HMCUC are to build effective and sustainable school and community partnerships, provide comprehensive educational interventions to youth who are at-risk of school failure, and raise the academic achievement level of minority students in North Carolina.

The Historically Minority Colleges and Universities Consortium of North Carolina was founded in November 1999 by key legislative leaders representing historically black colleges and universities in North Carolina, and the North Carolina Department of Public Instruction as a judicious response to developing and implementing quality educational programs to close the minority student achievement gap.

Undergraduate Programs

The University College

General Education Curriculum

Extended Studies

Reorganization of College of Arts & Sciences

College of Behavioral Studies and Social Sciences

College of Liberal Arts

College of Science and Technology

School of Business

School of Education

NORTH CAROLINA CENTRAL UNIVERSITY
STANDARD AND OFFICIAL CLASS TIMES
 Approved by the University Planning Council December 2000

Daytime Classes	Evening Classes
Monday/Wednesday/Friday (MWF)	Monday and Wednesday
8:00 a.m. to 8:50 a.m.	6:00 p.m. to 7:15 p.m.
9:00 a.m. to 9:50 a.m.	7:30 p.m. to 8:45 p.m.
10:00 a.m. to 10:50 a.m.	9:00 p.m. to 10:15 p.m.
11:00 a.m. to 11:50 a.m.	
12:00 p.m. to 12:50 p.m.	
1:00 p.m. to 1:50 p.m.	
2:00 p.m. to 2:50 p.m.	
3:00 p.m. to 3:50 p.m.	Tuesday and Thursday
4:00 p.m. to 4:50 p.m.	5:15 p.m. to 6:30 p.m.
5:00 p.m. to 5:50 p.m.	6:00 p.m. to 7:15 p.m.
	7:30 p.m. to 8:45 p.m.
Tuesday and Thursday -Day Classes	9:00 p.m. to 10:15 p.m.
8:00 a.m. to 9:15 a.m.	
9:25 a.m. to 10:40 a.m.	
10:40 a.m. to 11:35 a.m. No classes	One Day a Week – Evening Classes
11:35 a.m. to 12:50 p.m.	4:00 p.m. to 6:30 p.m.
1:00 p.m. to 2:15 p.m.	5:00 p.m. to 7:30 p.m.
2:25 p.m. to 3:40 p.m.	6:00 p.m. to 8:30 p.m.
3:50 p.m. to 5:05 p.m.	7:00 p.m. to 9:30 p.m.
	8:00 p.m. to 10:30 p.m.
Monday and Wednesday Classes	
4:00 p.m. to 5:15 p.m.	
5:30 p.m. to 6:45 p.m.	

These times work mainly for regular 3 credit hour courses. Courses with fewer than 3, or more than 3 credit hours must be scheduled within the time frames given and must not overlap two or more class times.

The University College

Bernice Duffy Johnson, Dean
Robin Williams, Associate Dean
Ontario Wooden, Associate Dean

Telephone: 919-530-5235
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History, Purpose and Core Values

Since 2004, task groups at NCCU have studied and researched ways to increase student success – to increase the number of students retained from year to year, the number of students graduating in four years, six years, and the number of students who graduate and make it into competitive careers or graduate and professional programs. The Comprehensive Academic Success and Enhancement (CASE) Center idea was conceived in a conference at Appalachian State University by a task force of five NCCU faculty and administrators. The purpose of the CASE Center is to facilitate academic, personal, and professional growth and development and student success, through a broad range of programs focused on synergistic work to make students competitive. In Fall of 2007, Chancellor Nelms suggested a reorganization of the University to include a new University College as a means to facilitate the successful transition to the first year experience of all new first-year students and new transfer students. The Provost and members of the Academic Affairs and Student Affairs Divisions worked to design the organizational structure of the University College. The work done within the organizational structure of the University College will empower NCCU to ensure student success.

In order for NCCU students to achieve student success, best practices in higher education must be available for all students with very intentional focus during the first two years of the students' enrollment and matriculation. Research by Noel Levitz, NSSE, John Gardner, and others indicate that effective academic advising, academic support, personal and career counseling, social

interaction opportunities, and leadership responsibilities make for student success during the first two years of college. The University College will focus intentionally, consistently, and qualitatively on academic advising, academic support, academic excellence, career placement, socialization skills, soft skills, and personal, civic, and social responsibility and accountability. The goals and objectives of the University College are aligned with the work of the UNC Tomorrow Commission. The implementation of the University College will enable NCCU to carry out recommendations of the UNC Tomorrow Commission, specifically the recommendations related to Global Readiness and Access to Higher Education.

Several initiatives at NCCU work to promote student success: early warning reports, mid-term grades, student engagement sessions, tutorial services, and learning communities. Yet, more intentional work must be done to ensure success for the majority of our students. The University College will fill the void with its intentional focus on student success for all new freshmen and transfer students, and sophomore students.

The University College will be governed by and managed by a dean, two associate deans, and an advisory council. Core values and specific strategies have been outlined and discussed with several committees, colleges and schools across the campus.

Purpose

The purpose of the University College is to provide a means to enhance the successful transition and first two years experiences of all freshmen, sophomores, and new transfer students with intentional focus on student success.

Mission Statement

North Carolina Central University's University College holds as its central focus the first two years experiences of students. The mission of the University College is to assure a successful transition of first and second year students to the point that they become successful during their

college matriculation. In addition to promoting the mission of the university as a whole, the University College will create a learning environment that fosters academic commitment, civic and community responsibility, school pride and life-long learning.

Our Vision for Success

To develop and establish a University College that will be recognized regionally and nationally for its record on student productivity and success.

Core Values

Fundamental to the success of the University College are the core values that will exist in everything that we do.

Students are the source of North Carolina Central University's success. They should always receive the strongest commitment of the staff, faculty and administration. The University College will encourage effort, support and progress in first and second year students.

Retention is based on the ability to attract and develop students who reflect the mission, goals, standards and culture of North Carolina Central University. The University College will seek to retain students by providing a positive first and second year experience.

Community should be a place where students are nurtured and engaged. The University College promotes a welcoming environment where students have the opportunity to learn from and gain diverse classroom experiences.

University policies and procedures, rules, and regulations will be focused on enabling the success of students.

Academic Affairs and Student Affairs personnel will work cooperatively in a collegiate process. Goals of the University College
Below are the goals of the University College and the Strategies for obtaining those goals:

Goal 1: Assist students in developing clear set

goals as a path toward graduation.

Strategies: Students will work with the Career Services and Academic Advising to set clear defined goals that they will follow to graduation.

Goal 2: Encourage students to create interpersonal relationships.

Strategies: Students will participate in continuous orientation where they will interact with other first year students as well as upperclassmen and alumni.

Goal 3: Assure students acquire intellectual and academic mastery of subjects and content in a self-directed learning environment.

Strategies: Students will begin with general education requirements as well as the Dimensions of Learning class to receive an unproblematic introduction to college curriculum. At the end of two years they will have mastered core competencies in General Education courses and lower level courses in their majors.

Goal 4: Facilitate an awareness of diversity and liberal arts values.

Strategies: Students will participate in colloquies, symposiums, and lyceum programs provided by the college and the University College.

Goal 5: Develop civic, social, community and personal responsibility.

Strategies: Students will complete required hours of community service beginning their freshman year, thus satisfying portions of this requirement for graduation. Students will participate in student government elections, and become registered to vote in local and national elections. Students will develop and complete global awareness projects in peer groups.

Goal 6: Create a sense of community and school spirit.

Strategies: Students will participate in campus traditions (Eagle pinning, homecoming, etc.) and learn school songs and chants. Students will have the opportunity to interact with area and noted alumni.

Goal 7: PASSPORT Society

Students will become members of a PASSPORT

Society and will meet prescribed competencies before being able to use that that Passport Society to move to the Upper Divisions of the University.

Some Assumptions:

The University College will work exclusively with first and second year students with particular focus on the freshmen students and student success.

The University College will be a part of the Academic Affairs Division.

The University College structure and program will help to assure student success and retention.

The University College Structure will be embraced by the University Community and appropriate buy-in will be demonstrated through a willingness to cooperate with the conversations and public meeting and discussions necessary to make the University College a success.

The University (NCCU) will allocate necessary resources to implement the University College Structure Fall of 2008 by new acquisitions of positions and funds and a reallocation of positions and funds.

Appropriate space will be allocated even if other offices and rooms will need to be relocated to make room for the University College.

The University will put policies into place that will support the organization of a University College. An example is: If all new students will be admitted into the University College, what policy, procedure and practice will make this happen ? How will the current freshmen, who will become sophomores in Fall of 2008 be added to the College, since they were not a part of the University College as freshmen?

Beginning Fall of 2008, all new NCCU students will be admitted into the University College. This College will focus on student success during the first two years at NCCU. The new structure will create a learning environment that fosters academic commitment, civic, and community

responsibility, school pride and encourage lifelong learning. The purpose of the University College is to provide a means to facilitate and enhance the successful transition and first two years experience, of all freshmen, sophomores, and new transfer students.

In order for North Carolina Central University students to be well rounded and well-educated it is imperative that provisions for a smooth transition are made early in their matriculation at the University. The University must begin to intentionally promote and engage in what actually matters in college. North Carolina Central University must focus on the kinds of learning that will empower today's students to succeed and make a difference in the 21st Century.

At the end of two years in the University College, students will:

1. Demonstrate mastery in analytical, communication, quantitative, and information skills.
2. Demonstrate comprehensive knowledge and practical experience with the disciplines which explore the liberal arts, behavioral sciences, social sciences, and health and wellness.
3. Demonstrate positive ethical and moral behaviors.
4. Demonstrate civic, social, and personal responsibility.
5. Demonstrate knowledge of global learning and cultures by describing clearly how what is done locally impacts others globally.
6. Demonstrate mastery in transferring knowledge from one discipline to another and from one setting to another.
7. Demonstrate teamwork and collaborative problem solving skills.
8. Demonstrate mastery of terms of the General Education Curriculum.

9. Demonstrate the ability to review books and make presentations on the same.
10. Demonstrate competence in using soft skills and technical skills.
11. Complete at least 60 clock hours of Community Service Learning.
12. Develop personal goals, commit to them, and monitor goal accomplishment.
13. Obtain and comprehend the purpose and importance of obtaining a passport.

Academic Advising

Academic advising is an integral component of the educational experience at NCCU. In concert with the mission and goals of the University College, the Academic Advising Unit aims to serve all new first-year freshmen and transfer students with regard to their completion of the courses in the General Education Curriculum (GEC) and other first and second year major courses. Additionally, the Academic Advising Unit aims to assist students in reaching their personal and professional goals given the climate of success in which the office operates.

Students are expected to meet with their academic advisor to receive their Letter of Admittance to the University College, which is the official beginning of his/her academic career at NCCU. Students will also be required to sign a contract which indicates what will be needed in order to be a competent and successful student, as well as what is required to exit the University College and enter into a major program. While many students enter the University with an idea of the major they intend to pursue, the Academic Advising Unit can also provide support for choosing a major. Students are required to declare a major by the end of their freshmen year. Students are required to meet with their advisor in order to register for classes and to review their academic performance. Students are also required to meet with their advisor weekly during the first eight weeks of the semester.

While academic advisors are available to assist students in making course selections as well as providing additional resources for student success, the student is ultimately responsible for his/her success. The University strongly expects students to become familiar with graduation requirements for their chosen major(s), meet with their academic advisor on a regular basis to discuss their academic progress, give their academic work the highest priority, and carefully plan their course selections and sequences. Carefully following these expectations and forming a strong working relationship with your academic advisor can ensure success and graduation from NCCU.

Two –Year Plan for Students Who Have Not Declared a Major

(Before registering for classes, a student must be cleared by the University Testing Center. A student must follow The General Education Curriculum /GEC/ outlined on page 129. From this listing of courses, one may select a desired course to meet the Curriculum Division in The GEC.)

Note: The number in parenthesis denotes the number of semester credit hours. *Based on Placement Tests.

First Semester

English 1110 - English Composition I (3)
 Mathematics 1100 - College Algebra I (3)
 History 1320 - Modern World History (3)
 Physical Education 1541 -Fitness (2)
 Human Sciences 1521 (2)
 *Modern Foreign Language 111 (3)

Second Semester

English 1210 - English Composition II (3)
 Mathematics - Select from GEC Division IIA (3-5)
 Health - Health (2)
 Social Science - Select from GEC Division IIIB (3)
 Humanities- Arts & Humanities I (3)
 Science - Select from GEC - Division IIB (3- 4)

Third Semester

English 1250 - Elements of Speech (3)
 Science - Select from GEC Division IIB (3)
 Humanities- Select from GEC Division IVB (3)

Elective- Select from GEC (3)

Elective - Select from GEC (3)

****Most students would have declared a major**

Fourth Semester **

Science - Select from GEC Division IIB (3)

****Most students would have declared a major**

Fifth Semester**

****Requirements of the declared major**

Sixth Semester**

****Requirements of the declared major**

Seventh Semester**

****Requirements of the declared major**

Eighth Semester**

****Requirements of the declared major**

Suggested Elective GEC Courses Which Are

Generally Required for Most Majors:

Psychology 2 100 - General Psychology (3)

Sociology 2 100 - Principles of Sociology (3)

Political Science 2100 - American Government (3)

Office of Community College Partnerships and Transfer Students

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The Office of Community College Partnerships and Transfer Students mission is to facilitate the development of innovative and strategic partnerships between North Carolina Central University (NCCU) academic programs, the North Carolina Community College System (NCCCS) and selected community colleges in the nation and abroad. Through effective collaboration and alignment with the goals of the NCCU Strategic Plan, the Office of Community College Partnerships and Transfer Students has expanded opportunities that foster successful academic and business relationships for NCCU faculty,

administrators and students. The Office of Community College Partnerships and Transfer Students activities include facilitating the development of community college pre-major programs that transfer directly into selected NCCU academic programs. Applied science degree programs are handled by bilateral articulation agreements. Under the bilateral agreements, NCCU and the selected community colleges have joined in collaboration to facilitate the transfer of students from AAS degree programs to baccalaureate degree programs.

Articulation agreements are established to ensure that the appropriate course of study for pre-majors and those who receive the AAS is equivalent to NCCU's freshman and sophomore course of study.

Transfer of Credits

NCCU accepts all non remedial credits earned in a degree program at any accredited four year institution. As a constituent institution of The University of North Carolina System, NCCU also accepts college transfer work completed at any community college in the state under the terms stipulated in the Comprehensive Articulation Agreement (CAA) between the UNC System and the North Carolina Community College System. NCCU will accept all college transfer courses completed at two year institutions with grade of "C" or better, up to a maximum of 64 semester hours. Students completing college transfer degrees at accredited institutions will be awarded 64 semester hours of credit upon entering NCCU, and will be classified as juniors. Credit for courses completed in non-college transfer degree programs, such as technical degree programs, will be evaluated on a course by course basis. A maximum of 64 semester hours can transfer from technical degree programs. No credit is awarded for coursework completed in non degree programs, such as diploma or certificate programs; however, a student can challenge courses, through standardized tests, such as the College Level Equivalency (CLEP) Exam, or departmental exams.

Community College Transfer Scholarships

NCCU has established scholarship opportunities for qualified transfer student completing the Associate of Arts or Associate of Science Degree programs from a North Carolina Community College. All students interested in applying for a NCCU Community College Transfer scholar-should contact the office of Community College Transfer Scholarships at 919-530-6687.

Thurgood Marshall College Fund

Since 1987, the Thurgood Marshall College Fund (TMCf) has served as a critical link between students fulfilling their dream of greater access to higher education and leadership development training, and the opportunity for those students to become part of a new generation of leaders for communities, the nation and the world. To date, the organization has been the source of dream fulfillment for over 7,500 students who have received scholarships and graduated from college. TMCf impacts 235,000 students annually by providing capacity-building and programmatic support to its 47 member public Historically Black Colleges and Universities. TMCf's impact on the nation is achieved through its mission and targeted focus on specific areas imperative to developing future leaders.*

Students at NCCU have the opportunity to participate in a number of initiatives via participation with TMCf.

Scholarships – TMCf provides merit-based scholarships to students attending member universities. Students must demonstrate financial need and meet all scholarship criteria. All scholarship recipients are selected by member universities, and scholarship payments are made directly to the school.

Leadership Institute – The Leadership Institute & Recruitment Conference is a four-day event that brings together more than 500 of the most talented juniors and seniors attending member universities for a host of workshops on professional development and career options. Students attend workshops, networking events, and the annual fashion show and dinner. This

conference also provides an excellent opportunity to meet with top executives from a number of Fortune 500 companies.

Member Universities Professional Institute/Sales Training Program – The Member Universities Professional Institute is an opportunity for administrators to come together to share best practices in higher education within the HBCU community. Student leaders are also able to receive additional leadership training during the conference. The Sales Training Program allows students interested in sales careers to learn from industry professionals the skills required to succeed in this demanding industry.

Civic Responsibility – The Civic Responsibility Conference provides students an opportunity to travel to Washington, DC, where they attend workshops to learn about the legislative process. Students also travel to Capitol Hill to meet their congressional representatives and share their experiences as public HBCU students and with TMCf.

Talent Sourcing Program – TMCf Talent Sourcing Program seeks to match talented students with organizations that wish to hire both interns and full-time employees. Students selected for the Talent Pool Database receive updates on career opportunities and may be interviewed for specific positions with corporate and government partners.

If you are interested in any of the aforementioned programs, please see the Thurgood Marshall Campus Coordinator housed in the University College in the Alexander-Dunn Building (919) 530-6729 or 5235.

*Thurgood Marshall College Fund, 2007 Annual Report, New York, NY.

National Student Exchange (NSE) Program

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The National Student Exchange (NSE) is a program for undergraduate exchange within the United States and Canada. Instead of crossing oceans, NSE students cross state, regional, provincial, and cultural borders. Through the National Student Exchange, you can study for up to one calendar year at another location. With nearly 200 colleges and universities from which to choose, you should be able to find a university with just the right combination of courses, facilities, and environment to meet your academic and personal needs and interests.

Students participate in NSE in order to:

- experience personal growth.
- live in a different geographic area.
- become more independent and resourceful.
- broaden personal and educational perspectives.
- explore and appreciate new cultures widen university boundaries.
- take courses not offered on their home campus.
- learn from different professors access courses with different perspectives.
- explore new areas of study.
- investigate graduate or professional schools look for future employment opportunities.
- break out of their comfort zones acquire life skills.

NSE participation is a privilege, not a right. Listed below are the minimal requirements for NSE participation. All of these requirements are applicable at the time of application and at the completion of the term prior to your exchange.

- full time enrollment at NCCU.
- minimum cumulative GPA of 2.5 (4.0 scale).
- good academic standing no incomplete grades from previous terms.

- no current or pending probationary status due to academic dishonesty or misconduct.
- no outstanding financial obligations.
- no current or pending probationary or disciplinary action for violation of codes of student conduct.
- must not be on probation, parole, or have any pending legal judgments.

The NCCU coordinator will make the final determination regarding your eligibility as well as select those applicants who will participate. Therefore, you must also meet any requirements or qualifications which may be imposed by NCCU. Also, consult the campus narratives in the NSE Directory for campus-specific exchange limitations and restrictions which apply to incoming exchange students at the universities you are considering for exchange.

NSE is a tuition-reciprocal exchange program which utilizes two different plans for payment of tuition/fees. NCCU utilizes both payment Plan A and payment Plan B. Your choice of where you pay your tuition is dependent upon the payment plan(s) of NCCU as well as your host university.

- Under Plan A, you will pay to your host campus the resident (in-state/provincial) tuition/fees directly to that campus.
- Under Plan B, you will continue to pay your normal tuition/fees to NCCU.
- Your choice of where you pay your tuition is dependent upon the payment plan(s) of NCCU as well as your host universities.

To learn more about the NSE program go to www.nse.org.

Initiative for Transforming and Sustaining Science, Technology, Engineering, and Mathematics (ITSSTEM)

Initiative for Transforming and Sustaining Science, Technology, Engineering, and Mathematics (ITSSTEM) is a National Science Foundation (NSF) program for minority and/or underrepresented students that are majoring in science, technology, engineering or mathematics (STEM). It is a five-year program, which ends August 31, 2009.

The nidus of the ITSSTEM program is a collaborative venture between the departments of Biology, Chemistry, Environmental, Earth & Geospatial Sciences, Mathematics & Computer Science, and Physics at NCCU and neighboring academic and corporate partners. Through the sponsorship of the NSF and this collaborative venture, students will have an opportunity to obtain additional tutorial support, research and internship opportunities, as well as the provision of a mentor within the student's discipline or career interest(s).

The goal of ITSSTEM is to develop, implement, evaluate, and institutionalize a program that will achieve and sustain high quality and competitive STEM programs at North Carolina Central University while increasing the number of students successfully completing degrees. Additionally, ITSSTEM also prepares students for a successful, comprehensive, university experience during their matriculation and potential career in a STEM related field.

Introduction to BANNER

The entire BANNER administrative suite of systems, when implemented, serves as a Unified Digital Campus for NCCU and an environment in which systems, individuals, and communities interact seamlessly for learning, teaching, administration, and achievement. The entire BANNER administrative suite of systems is comprised of seven (7) base modules:

1. Alumni
2. Advancement
3. Finance
4. Financial Aid
5. General
6. Human Resources
7. Student

Some of the benefits of this Unified Digital Campus are its 24-hour accessibility using a web-based interface, data sharing across modules from the desktop, and commonality for all campuses in the UNC system, which allows for ease of reporting and system-wide sharing of information

and resources.

The Internet-based interface can be accessed two ways: Internet Native BANNER (INB) and Self Service BANNER (SSB) or My Eagles Online (myEOL). The INB provides direct access to the BANNER system and is used by most administrators, staff, deans and department chairs. Security clearance must be requested and granted prior to accessing INB. Please refer to BANNER Access/Security on the intranet for additional information and instructions.

The SSB/myEOL provides web access to BANNER and is used by students, advisors, faculty, department chairs and deans. Access is granted to students once they have been accepted and a General Student record has been created. Advisors, faculty, department chairs and deans are granted access once their role within BANNER has been properly assigned.

Useful SSB/myEOL Terms

User ID - User identification number is your 82# used to gain access to SSB/myEOL.

82# - A unique nine-digit number that is considered to be the NCCU ID number.

PIN (Login) - Personal Identification Number is a six-digit number used along with your User ID to gain access to SSB/myEOL. The PIN is also referred to as your Login PIN.

Alternate PIN - Alternate Personal Identification Number is a six-digit number that is required for registration purposes.

The University Testing Center

The University Testing Center (UTC) at North Carolina Central University was established in 1987 under the Division of Academic Affairs. Its administrative responsibilities at that time were to ensure that resources were available to offer special assistance to students in the areas of test preparation and test taking strategies and to allow the university flexibility in scheduling and controlling testing for new students.

The University Testing Center (UTC) now provides full service testing and assessment services to students, faculty, staff and the local community. Among the many services provided are: Planning, coordinating and administering profile examinations (undergraduate placements tests) in the areas of reading, mathematics, English and modern foreign languages (French, German and Spanish); College- Level Examination Program (CLEP) offered to university and community candidates; Administration of the DANTE Subject Standardized Test; Computerized tutorials for the Graduate Records Examination (GRE), PRAXIS series (formerly national teachers examination; Interest inventories and personality assessments for career planning; Study Skills and test taking strategies; Test scoring services for university faculty; computers for word processing and internet access.

Computer-Based Testing Center

The University Testing Center also provides the facilities, personnel, and testing resources as a satellite test site for several national testing agencies.

In 1999, the University Testing Center opened its Computer Based Testing Center (CBT). A profitable and technically enhanced testing venue, the CBT is operated Monday through Friday from 8:30 to 5:00 offering computer based testing for fifteen different education and certification entities. The CBT Center plans, coordinates and administers standardized computerized tests according to guidelines provided by the testing entity and specifies the physical and environmental conditions under which the test is to be administered. During the busiest testing period from September to January, the CBT operates outside of the regular hours. running three sessions daily, and on weekends. Testing is by appointment and registration most often. Walk-ins are accommodated based on availability.

Extended Studies

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General Description

The Division of Extended Studies is composed of 6 units: (1) Distance Education/e-Learning, (2) Continuing Education, (3) Summer School, (4) Summer Academic and Sports Program, (5) Evening and Weekend, and (6) Special Students. Administrative offices are located in the H.M. Michaux, Jr. School of Education Building, Room 2051, which is geographically off Cecil and Lincoln streets at 712 Cecil Street and across from the NCCU School of Law. Course development and technology support services for distance education/e-Learning faculty and students is located in the Faculty Development Den in Room 128 of the Farrison-Newton Communications Building.

Distance education/e-learning instruction offers courses via academic programs and training (which may be taken for CEU credit) at sites away from the campus for non-degree and degree-related credit. These courses may be scheduled and executed at various times during the year. Distance education/e-learning instruction uses a variety of pedagogical strategies to meet the educational needs of students separated from faculty and/or resources by time, place, or other circumstances. These strategies include instruction off-campus in the traditional mode face-to-face or through distance learning technologies such as teleconferencing, the Internet, Podcasting, and computer-mediated instruction.

Continuing Education sponsors activities that are designed for life enrichment and/or for student certification and renewal. It offers courses that may be taken for CEU credit or as non-credit experiences. The activities or courses, offered generally by specific request, may be held at sites on or away from the NCCU campus and may be scheduled at various times during the year.

Institutions, agencies and individuals are encouraged to contact Extended Studies to arrange a planning session for the development of continuing education activities.

North Carolina Central University Summer School has its origin in the earliest history of the institution, beginning in 1910. Its primary goal is to give variety and flexibility to the instructional programs of the University, while providing a quality education. It seeks to give students the opportunity to accelerate progress toward degrees or certificates; to provide opportunities for continued guided research at the graduate level; to allow visiting students the opportunity to take classes while at home during the summer. The Summer Sessions also assist teachers who need credit toward renewal of teaching certificates or advanced degrees, persons in professional fields who wish to keep abreast of new developments and trends. Additionally, the Summer School takes the opportunity to pioneer in the offering of new courses in the form of workshops and institutes to meet the community's particular needs. Visiting students who wish to continue at NCCU, must be admitted through the regular undergraduate or graduate admission process.

Admission to the Summer School does not automatically mean admission as a degree-seeking student. Each non-NCCU student planning to attend NCCU during the summer must notify the University College of his or her desire to do so by completing and returning a Summer School application form.

Distance Education / E-learning Instruction

The Distance Education and e-Learning unit of Extended Studies offers both credit and noncredit courses at various times during the academic year. These courses are held at sites away from the campus, and tuition for these activities is set by the University.

Admissions

North Carolina Central University distance education/e-learning instruction is open to all students, especially those restricted by place and

time. Students who are not enrolled in an NCCU degree program must be formally admitted for distance education or e-learning instruction study. Students must apply to North Carolina Central University (please see “Admissions” section of this catalog). Students not currently enrolled at NCCU should contact Extended Studies for admissions, course offerings, and other applicable information.

Tuition and Fees

Distance Education/e-Learning Instruction is funded through student credit hours. Tuition/fees are subject to increase each academic year by the fiscal officials of the University. Students should consult the Extended Studies for the tuition/fees for the semester or summer session that they plan to attend. Refunds are issued according to University policies.

Financial Aid

The North Carolina Central University Scholarships and Student Aid Office makes every effort to assist students in the financing of their education through the student financial aid programs. The primary objective of the Scholarships and Student Aid Office is to meet the demonstrated financial need of as many students possible by using a combination of the available funds. To apply for financial aid, students must complete the Free Application for Federal Student Aid (FAFSA) or the Renewal FAFSA. The Renewal allows students to update student aid application data from the prior year.

Students are encouraged to apply for financial aid electronically for rapid processing at www.fafsa.ed.gov. Students should make sure the correct award year is selected and the school code of 002950 is listed in section six. Students who comply with the published deadline for application completion will be awarded first; students who apply late will be awarded if funds are available.

Student Health Services

Prior to enrollment at the University, all new students should submit to Student Health and Counseling Services, a report of their medical

history and a copy of an official record of immunization. North Carolina Statute G.S. 130A-155.1 requires persons attending a college or university, whether public, private or religious, to present a Certificate of Immunization or a record of immunization or high school located in North Carolina. For out-of state students, a Certificate of Immunization or high school immunization record indicated that the person has received immunization is required to attend a college or university in North Carolina.

The statute applies to all students except the following:

- Students registered only in off-campus courses.
- Students attending night or weekend classes only.
- Students taking a course load of four (4) credit hours or less and residing off campus.

If at any time the above student status changes to on-campus courses load of more than four(4) credit hours, on-campus residence, and/or enrolled in daytime courses, a Certificate of Immunization or record of immunization must be presented on or before the date the person first registers for a quarter or semester.

Distance Education / E-Learning Instruction Academic Regulations

The academic regulations which govern students during the regular academic year are also applicable to summer school students. (See “Undergraduate Academic Regulations” section of this catalog for information on matriculation, academic progress, grading, class attendance, etc.)

Cancellation of Courses

The University reserves the right to discontinue any course, to limit registration in any course, to reschedule any course and/or to make any other changes in Distance Education/e-Learning Instruction courses or instructors that are deemed necessary.

University Faculty Development Den Overview

The Faculty Development Den, located in the Farrison-Newton Communications building, offers support services and training for the development and management of online and web-enhanced courses. The Faculty Den is devoted to training faculty in the use of multimedia and distance education technologies. The Den is responsible for the management of the Blackboard™ Learning Management System, and is equipped with computers, scanners, printers, digital cameras, CD-ROM writers/ recorders, and instructional software that faculty can use to enhance and develop course materials. Extended Studies has provided a platform for faculty, staff and students to access many forms of e-learning at NCCU.

Online Courses

Online courses are completely web-based and can be accessed via the Internet and make significant use of Internet technology to facilitate access to instructional materials and to support communication between faculty and students, among students, and between student and resources.

Web-Enhanced Courses

Web-enhanced courses make use of Internet technology and services to support distribution of class materials such as course syllabi, staff information, bibliographies, course requirements, and resources on the web. Web-enhanced courses remove the dependency on large volumes of handouts. For more information on distance education and e-learning at NCCU, contact the Faculty Development Den at 530-7667.

Continuing Education

Continuing Education offers continuing education units or non-degree credit for activities that include workshops, conferences, seminars, short programs, courses, or other structured educational experiences in which students register by name but receive no college degree credit. These activities are designed for life enrichment.

Summer School

Admission to Summer School

The North Carolina Central University Summer School is open to all students. Students who are not enrolled in an NCCU degree program must be formally admitted for summer-only study through the Summer Sessions Office. High school graduates and selected high school students, undergraduate and graduate students enrolled at other institutions, and individuals interested in courses for personal enrichment or professional advancement may register for summer courses. Students not currently enrolled at NCCU should contact the Summer School Office of the University for an admission application.

Summer School Tuition, Fees, and Refunds

Since the Summer School is self-supporting, tuition and fees are adjusted annually. Students should consult the Summer School Bulletin and website for the exact tuition and fees for the summer session they plan to attend. Refunds will be made only at the end of Summer School. Refunds are made only to students who officially withdraw by the deadline date listed in the Summer School calendar. Refunds will not be made to students who unofficially withdraw by not attending classes or who are dismissed for disciplinary reasons. The types of financial aid available during the Summer are limited to funds remaining in the Pell Grant, Stafford and PLUS Loans. Students must plan ahead for summer school by reserving funds to cover these expenses. If students borrow the maximum loan amounts for their classification during the academic year, the students will not have funds available to cover summer school expenses. To qualify for a student or parent loan, students must be enrolled at least on a half-time basis, undergraduates six (6) hours and graduates four and one-half (4.5) hours. If there is a change in class schedule that results in enrollment of less than half-time, the Stafford and/or plus loans will be cancelled.

Summer School Meals

The W.G. Pearson Cafeteria offers meal plans, which are valid only during the periods for which

they are issued, to students living on or off campus. There will be no refunds for meals missed during the periods indicated, nor are refunds made for meals missed because of conflicts with classes. Meal service in other food areas on campus is available on a cash basis to all students.

Summer School Parking

A campus-parking permit is required for all persons who park a motorized vehicle on campus. New students and visiting faculty and staff who do not pay a parking fee during the regular academic year must purchase a parking permit for their vehicles.

Summer School Student Health Services

The Student Health Service is an outpatient service available to all regularly enrolled students. In emergency cases, students may contact the University Police after these hours. Services include medical consultations, laboratory services, minor surgical procedures, enrolled, and must provide supporting documentation as appropriate. Transcripts from all colleges and universities attended are required if the applicant plans to enter degree-seeking status at a later date.

Summer School Housing

On-campus housing is available in residence halls during both summer sessions. Students should consult the Summer School Bulletin, Residential Life, or the Office of Student Billing/Accounts Receivable or the exact charges in effect for the session they will be attending.

Summer School Financial Aid New Applicants

New applicants may complete the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov. Applicants should record the school code of 002950 for North Carolina Central University in section six of the FAFSA. Applicants must verify that North Carolina Central University is listed on the Student Aid Report (SAR). Students receiving financial assistance for the first time during the summer session should closely monitor

the deadline date to ensure that the FAFSA is processed before classes begin.

Continuing Applicants

Continuing students who received financial assistance for the preceding fall or spring semester are not required to submit a new SAR; however, a summer school application is required as noted in the section for "All Applicants."

All Applicants

All students are required to submit a Summer School Financial Aid Application for NCCU to receive financial assistance for summer school. Applications will be issued to students and physical therapy.

Summer School Academic Regulations

The maximum number of academic credits for which a student may enroll during each summer session is six (6) semester hours. Students who desire to take more than six hours must receive written approval for an overload from the dean of the school or college in which they are enrolled. The academic regulations which govern students during the regular academic year are also applicable to summer school students. (See "Academic Regulations" section of this catalog for information on matriculation, academic progress, grading, class attendance, etc.) The University reserves the right to discontinue any course, to limit registration in any course, to reschedule any course, or make any other changes in Summer School courses or instructors that are deemed necessary.

Special Students

Special students are those who are not candidates for degree at the present time. This category includes 1) visiting students, and 2) persons who have not enrolled for one academic year and are ineligible for admissions as a transfer student.

The University welcomes into this admission status persons who are pursuing degrees elsewhere, or who desire to earn prerequisites for graduate

work. Such students may register upon the presentation of a signed statement from the appropriate official of his/her institution or certifying agency specifically listing and approving the courses to be taken. Such enrollment does not constitute regular admission to the University.

- To apply for this category of admissions, the applicant must submit an application for admission with the \$40 application fee as well as the Statement of Confidential Information Form from the LAST institution

Visiting students must submit a transient course study form from the home institution that has been approved by the department chairperson, academic dean and the University Registrar.

- All others must provide evidence of readiness to pursue the courses desired and a statement of

objective and purpose related to the request for special student admission.

- Special students may register for no more than twelve semester hours. After completing one semester of full-time study, or its equivalent, the unclassified student may petition the Office of Admissions to be admitted to the University as a regular degree seeking student on the basis of their academic accomplishments.

SPECIAL NOTE: Designation as unclassified may affect eligibility for veterans' benefits. Students expecting to apply for veterans' benefits should contact the Registrar's Office. Unclassified and special students are ineligible for financial aid.

ADMISSION IN THIS CATEGORY DOES NOT AUTOMATICALLY GUARANTEE ADMISSION AS A DEGREE-SEEKING NCCU STUDENT.

The Evening/Weekend Studies Program

(<http://www.nccu.edu/ewsp>)

telephone: (919) 530-7914

fax: (919) 530-7915

The Evening/ Weekend Studies Program is dedicated to promoting the mission of the University by providing an intellectual campus environment during the evenings and weekends where traditional and nontraditional students may pursue a professional degree, certificates, or individual courses that will enhance their skills and knowledge as part of a lifelong learning process. Courses are offered at the undergraduate and graduate levels with some degree programs being offered in their entirety.

The Office of the Evening/Weekend Studies Program is located on the second floor of the H.M. Michaux Building, Room 2004.

Presently, the Evening /Weekend Studies Program offers courses in the following Undergraduate Studies:

- Accounting
- Business Administration (General Business)
- Computer Information Systems
- Computer Science
- Criminal Justice
- Early Childhood Education (B-K)
- Elementary Education*
- Hospitality and Tourism
- Mathematics
- Public Administration
- Middle Grades Education*
- NC Teach
- Social Work
- Teacher Licensure

*Field experiences and student internships are completed during regular, daytime school hours.

The Graduate/Professional Offerings include courses in:

- Business Administration (MBA)
- Criminal Justice

- Earth Sciences
- Education Counseling (School, Agency, Career, Rehabilitation), Communication Disorders, Curriculum and Instruction (Elementary or Middle Grades), Educational Technology, School Administration, and Special Education:
- English
- Family and Consumer Sciences (Licensure, Dietetic Internship Program)
- History
- Information Sciences
- Law (J.D.)
- Library Sciences
- Mathematics
- Physical Education and Recreation (Physical Education, Licensure, Athletic Administration, Recreation Administration, Therapeutic Recreation)
- Psychology
- Public Administration
- Sociology
- Joint J.D./M.L.S.
- Joint MBA/M.I.S.

Degree Programs On-Line

- Library and Information Sciences - Professional
- Computer and Information Sciences
- Criminal Justice - Graduate

Other Evening Programs - Distance Education

In addition to the above on-campus programs, the University College at NCCU offers many off-campus evening courses taught at various locations throughout the Triangle Area. For more information on these offerings and "e-Learning" opportunities, call 530-7442/6324/7593 or, see www.nccu.edu/univcoll/dised/courses.

Admission - Undergraduate

To be admitted as an undergraduate to the Evening/Weekend Studies Program, a student must meet the same requirements as any student applying to North Carolina Central University. Basically, he/she must have evidence of graduating from an approved or accredited high school, or possess a GED certificate and must complete and submit an official application to the Office of Undergraduate Admissions. There are

two types of admission--as a regular, degree-seeking student or as a special student. Special students are allowed to take only up to 12 semester hours of course work. At that point they must obtain admission as a regular, degree-seeking student. For detailed information on freshman, special, transfer, returning, second degree, and international students and senior citizens, see the "Admissions" section of this catalogue. An application can be completed on line, or at the Admissions Office. You may call Undergraduate Admissions at 919-530-6298 or 1-877-667-7533 and have one mailed.

For information on Military Personnel and Veterans of the Armed Forces of the United States, see the information in the "Admissions" section of this catalog.

Admission - Graduate/Professional

Applications for graduate/professional programs can be obtained by calling or visiting the Office of Graduate Studies, (919) 530-7396. Students can also contact the individual College/Schools, (College of Liberal Arts, College of Behavioral and Social Sciences, College of Science and Technology or Schools of Business, Education, Law, and Library and Information Sciences) for applications and requirements. See the "Graduate Studies" catalog.

Academic Requirements

All students admitted to the Evening/Weekend Studies Program are required to meet the same academic and degree requirements as other students at North Carolina Central University. Consult the appropriate sections of the University Catalogue for information concerning academic policy and degree requirements. (See the section on "Academic Regulations.")

General Education Curriculum

Dr. Carlton Wilson, Director
Telephone: (919) 530-6172
e-mail: cwilsonnccu.edu

North Carolina Central University's General Education Curriculum prepares students academically and professionally for leadership in a culturally-diverse world. Emphasis is placed upon oral and written communications, scientific inquiry, technology proficiency, ethics, and critical thinking. The General Education Curriculum offers students instruction in interdisciplinary as well as subject specific courses, is designed to meet the needs of the University's diverse student population, and is an integral part of each student's academic experience. In the appropriate areas, students may be enrolled in courses depending upon their demonstrated skill level. In addition, students may challenge courses and receive advanced placement.

The General Education Curriculum permits students to select courses depending upon their majors or interests. In some instances, courses may satisfy both the general education and the degree major requirements. The General Education Curriculum complies with all Community College Transfer Agreements, and credit for individual courses will readily transfer to any four-year institution.

The General Education Curriculum has six academic components: (1) Communications in English and Foreign Languages, (2) Mathematics and the Sciences, (3) Social Sciences, (4) Arts and Humanities, (5) Health and Wellness, and (6) Social and Career Enhancement and Development. Technology and computer proficiency and ethics are integrated throughout the Curriculum. The Curriculum is characterized by four unifying themes: (1) Communications, (2) Global Awareness, (3) Critical and Analytical thinking, and (4) Professional Development.

The number of credit hours in the General Education Curriculum (38-43) makes it possible for

students to double major, minor in one or more disciplines, or take a variety of electives that will enhance their professional aspirations. The General Education Curriculum is integral to each student's learning experience. Along with the degree major program, the Curriculum affords each student the opportunity to design the best career options that a university can offer. North Carolina Central University's faculty and staff will work together to ensure that all students are placed into the proper General Education Curriculum courses or are given credit for the appropriate courses.

General Education Curriculum Goals

To provide opportunities for students to further develop skills necessary to succeed in academic, professional, and social environments while facilitating lifelong learning and teamwork.

To develop students' ability to master fundamental methods of scientific inquiry.

To develop sufficient knowledge relating to diverse cultures and the human experience within this global society.

To provide an opportunity for students to become culturally aware of their heritage and traditions.

To develop students' critical analysis and analytical skills for the globally competitive, technologically-based socio-economy of the twenty-first century.

To accommodate a seamless transition for students from Community Colleges and adherence with the University of North Carolina North Carolina Community Colleges System (UNC-NCCCS).

General Education Curriculum Requirements

I. Communications in English and Foreign Languages (9 Credit Hours)

Students will continue to develop skills and competencies in written expression in English. In addition, students should be able to communicate in and understand a second language.

- A. English: Two courses are required. (6 credit hours)

ENG 1110 English Composition I (3)

ENG 1210 English Composition II (3)

Based upon earned AP credit, students may be exempt from ENG 1110. Academic advisors may suggest that these students complete literature courses. Based upon placement scores, students may be required to take EDU 1000—Reading Laboratory.

- B. Foreign Language: One Level III course of a foreign language is required. (3 Credit Hours)

FREN 1142 French III (3)

GERM 1162 German III (3)

JAPN 1172 Japanese III (3)

SPAN 1152 Spanish III (3)

MFL 1182 Critical Languages (3)

(Collaboration with NCSU, UNC, and Duke) (3)

First-year students are required to take a placement examination in the desired foreign language. Students who place into Level III must take the Level III course to meet the language requirement. Students who place into Level I must complete the Level I course, a Level II course and finally the Level III course. Students who place into Level II must complete Level II and Level III courses. A student who places beyond Level III will have met the language requirement for the University and no further course work is required.

- II. Mathematics and Science (12-16 Credit Hours). Students will continue to develop skills in the application of qualitative and quantitative methods of mathematics and the natural sciences.

- A. Mathematics: Two of these courses (or a higher level of mathematics) are required (6-8 credit hours). Based upon placement scores, students may be required to complete MATH 1000 (Intermediate College Algebra) with a grade of >C= or better before continuing in the General Education

Mathematics and Science requirements. Students who place into MATH 1000 may receive elective credit for completing the course.

Mathematics: Two of these courses (6-8 Credit Hours)

MATH 1100 College Algebra and Trigonometry I (3)

MATH 1110 Elementary Statistics (3)

MATH 1200 College Algebra and Trigonometry II (3)

MATH 1210 Finite Mathematics (3)

MATH 1410 Pre-Calculus Mathematics (5)

** Higher level of Mathematics or Statistics offered by the Mathematics Department and approved by advisor*

- B. Sciences: Two of these courses are required. (6-8 Credit Hours)

BIOL 1000 Heredity and Society (3)

BIOL 1100 General Biology (3)

BIOL 1300 Molecules and Cell Function (4)

BIOL 2105 Computational Science and Informatics (3)

CHEM 1000 Physical Science and Related Chemistry (3)

CHEM 1100 General Chemistry I (4)

CHEM 1200 General Chemistry II (4)

CHEM 1500 Chemistry and Human Life (3)

CHEM 2105 Computational Science and Informatics (3)

GEOG 2010 Online Weather (3)

GEOG 2100 Physical Geography (3)

GEOG 2120 Geology (3)

GEOG 2350 Earth Science (3)

PHYS 1000 Physics with Application to Environmental topics (3)

PHYS 1210 The Language of Science (3)

PHYS 2050 Astronomy (3)

SCI 1220 Science Odyssey (4)

- III. Social Sciences (6 Credit Hours)

Students will demonstrate an understanding of the major historical and social developments that define world cultures and the interrelationships of anthropological and

geographical influences.

A. Social Sciences: Required (3 Credit Hours)

HIST 1320 World Societies (3)

B. Social Sciences: One of these courses is required. (3 Credit Hours)

ECON 2200 Principles of Macroeconomics (3)

ECON 2300 Principles of Microeconomics (3)

GEOG 1000 Introduction to Geography (3)

GEOG 1100 World Regional Geography (3)

HIST 1530 The Black Experience to 1865 (3)

HIST 1540 The Black Experience Since 1865 (3)

POLS 2100 Introduction to American Government (3)

PSY 2100 General Psychology (3)

SOCI 2000 Society and Human Behavior (3)

SOCI 2100 Principles of Sociology (3)

SOCI 2300 Environment, Economy & Society (3)

IV. Arts and Humanities (5-6 Credit Hours)

Students will demonstrate an understanding of the aesthetical, historical, cultural and social foundations of literature, performing and visual arts, philosophy and/or religion. Emphasis will be placed on the links among the arts and humanities.

A. Arts and Humanities: One of these courses is required. (3 Credit Hours)

HUM 2410 Arts and Humanities I (3)

HUM 2420 Arts and Humanities II (3)

B. Arts and Humanities: One of these courses is required. (2-3 Credit Hours)

ART 1000 Introduction to the Study of Art (2)

ART 1200 African-American Art History (3)

ART 1500 Survey of the History of Art (3)

DRAM 1000 Appreciation of Drama (2)

DRAM 2110 History of Theatre I (3)

DRAM 2120 History of Theatre II (3)

ENG 1300 Introduction to World Literature I (3)

ENG 1400 Introduction to World Literature II (3)

ENG 1500 Critical Reading of Literature (3)

ENG 1700 Religion and Literature (3)

ENG 2340 Introduction to African-American Literature (3)

FREN 2300 Introduction to Francophone Literature (3)

GERM 2104 Introduction to German Civilization (3)

GERM 2105 Introduction to German Literature (3)

HUM 2410 Arts and Humanities I (3)

HUM 2420 Arts and Humanities II (3)

MUSL 1000 Survey of Music (3)

MUSL 1300 Twentieth-Century Music (2)

PHIL 1000 Introduction to Philosophy (3)

PHIL 2210 Ethics (3)

SPAN 2300 Introduction to Hispanic Literature (3)

SPAN 3300 Introduction to African-Hispanic Literature (3)

V. Health and Wellness (4 Credit Hours)

Students will demonstrate an understanding of personal, mental and physical health issues that reflect contemporary trends locally, nationally and internationally.

A. Health: Required (2 Credit Hours)

HEDU 1531 Health (2)

B. Wellness: Required (2 Credit Hours)

PEDU 1541 Fitness (2)

VI. Social and Career Enhancement / Development (2 Credit Hours)

Students will enhance factors related to positive personal, social and career development. Emphasis will be placed on basic technology and computer literacy, ethics and values, leadership roles, and social issues and responsibilities.

HUSC 1521 Dimensions of Learning (2)

VII. Technology—Computer Proficiency

Entering students are expected to have basic computer skills related to using the Internet, word processing, and email. By the end of the first year, students should be able to use the appropriate technology to research, analyze and present information. These skills will be especially developed in the English Composition, Mathematics and Science, Social Science, and Dimensions of Learning courses. Students will continue to develop and use more advanced computer and technology skills in their departments and majors.

VIII. Ethics

Through Dimensions of Learning, Social Science, Philosophy, and Arts and Humanities courses, students will encounter and examine important topics that will require analysis of ethical issues and behavior. In the major or minor programs, students will continue to study the ethics related to a specific discipline.

Intensive Courses

In addition to completing the above requirements, students must complete a designated “writing-intensive” course and a “speaking-intensive” course. In the writing-intensive course, students will demonstrate their knowledge of the course’s subject matter through constructive critical writing and the production of effective written assignments relative to the field. These courses engage students in writing as a form of critical inquiry and scholarly research in disciplines across the curriculum. Writing-intensive courses require regular practice in and evaluation of writing through brief response papers, mid-length papers, and longer research projects. Assignments may

include review essays, argumentative essays, critical essays, lab reports, research articles, policy memos, documented papers, personal responses to readings, business correspondence, and other types of writing required by the discipline.

It is strongly recommended that students complete ENG 1250 (Elements of Speech) or ENG 2200 (Public Speaking) to satisfy the speaking requirement. Students may complete a course in another subject where they will receive instruction in oral communication and will have opportunities to further develop and practice oral communications skills. In most speaking-intensive courses, speaking is a part of the course methodology, not the subject matter of the course. Speaking-intensive courses may employ some combination of debates, oral exams, structured class discussions, oral presentations, panel discussions or other methods that use speaking elements in the teaching and learning processes. Writing-intensive and speaking-intensive courses may be listed in the General Education Curriculum, in the major, or as an elective. These courses are identified in the semester schedule of courses by the marker “WI” and “SI.”

General Education Curriculum requirements may also meet the requirements for the major, a minor, or a concentration. Courses that satisfy the General Education Curriculum and major requirements may meet the writing-intensive and speaking-intensive requirements if the courses are designated “WI” or “SI” in the semester course schedule. Therefore, the writing-intensive and speaking-intensive requirements may be completed within the General Education Curriculum or in the major.

Students who transfer to NCCU with the Associate Degree from North Carolina Community Colleges are not required to complete the writing-intensive and speaking-intensive courses unless the courses are part of the major, a minor, or concentration.

Academic Policies Related to the General Education Curriculum (GEC)

Policy One:

The four-year curriculum plan for each degree program, as published in the NCCU course catalog, will conform to the following standards:

1. The curriculum plan for the first year of study will include a minimum of 25 credit hours that directly fulfill unique individual requirements of the General Education Curriculum (GEC), as published in the University Bulletin or catalog.
2. In curriculum plans in which students take several major courses during the first year, the published curriculum plan will include the following statement as a footnote on the curriculum plan page:

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Policy Two:

All persons - academic advisors, faculty, department chairs, and deans, responsible for advising freshmen undeclared majors will utilize the one-year curriculum plan for freshmen undeclared majors beginning with Fall 2008 freshmen registration. See program for undeclared majors under University College section.

Reorganization of the College of Arts and Sciences

The College of Arts and Sciences was divided into three colleges; the College of Liberal Arts, the College of Science and Technology, and the College of Behavioral & Social Sciences effective August 2006. As a result of the restructuring of the College of Arts and Sciences, a more effective and efficient operation of departments will be evident with enhancements of the following areas:

- * Direct reporting of resource needs and resources to the Vice Chancellor for Academic Affairs
- * Increase in retention and graduation rates through consistent and persistent advising
- * External funding opportunities within colleges and between colleges
- * Better execution of reports and data analysis
- * Improved budgeting and management operations
- * Increase in degree offerings (BS, MS, & PhD), course development and concentration areas
- * More mutual accountability
- * Increase in scholarship efforts within and between the Colleges

Mission and Goals

The three Colleges comprise the principal academic units of North Carolina Central University. Through their departments, these colleges provide the General Education Curriculum (GEC), the degree programs in the liberal arts and sciences and social sciences, and other special and professional programs, both graduate and undergraduate. These Colleges are committed to a continuing search for excellence in these programs so that it may serve well the many and diverse needs of their students.

In keeping with the heritage of the University as expressed in its motto, the Colleges will engage in the search for truth through research, community involvement, and scholarly activity, as well as use their resources to serve humanity. To fulfill their mission, the Colleges will secure and develop faculty who are dedicated to the pursuit of excellence in teaching and in service and who are strongly committed to the full development of their students. The colleges will seek and nurture students who will strive for excellence, and acquire and maintain the best possible resources to support programs of high quality. Through student and service programs, the Colleges will strive to serve the needs of society. The accomplishment of this mission will be confirmed by the continuing record of achievements and contributions by both students and faculty of the three Colleges.

Goal 1: To recruit, enroll, retain, and graduate students.

Goal 2: To improve academic advising.

Goal 3: To provide a favorable academic environment for student learning, research, and service.

Goal 4: To provide support for faculty to pursue excellence in teaching, in research, and in service.

Goal 5: To provide the support system which will enable students to enter, to participate in, and to complete programs of study consistent with their needs and the needs of society.

Goal 6: To develop, through the teaching, research, and service functions of the College, interactive relations with other components of the University and with institutions, agencies and private firms of North Carolina and the nation.

Goal 7: To facilitate, administer, develop, and implement procedures and policies to achieve all goals.

Major Departments And Programs

College of Behavioral & Social Sciences

Criminal Justice
Human Sciences
Physical Education and Recreation
Political Science
Psychology
Public Health Education
Public Administration
Social Work
Sociology

College of Liberal Arts

Aerospace & Military Science
Art
English and Mass Communication
History
Modern Foreign Languages
Music
Theatre

College of Science and Technology

Biology
Chemistry
Environmental, Earth and Geospatial Sciences
Mathematics and Computer Science
Physics
BRITE – Biomanufacturing/Bio Technology Research
Institute & Technology Enterprise

Department of Nursing

Academic Departments and Programs

College of Behavioral & Social Sciences

Elwood L. Robinson, Dean
 M. LaVerne Reid, Interim Associate Dean
 Phone: 919-530-7642
 Fax: 919-530-7640
 Main Office: 113 Taylor Education Building
 Email: Robin@nccu.edu

History

The College of Behavioral and Social Sciences (CBSS) was created in the summer of 2006. Dr. Elwood L. Robinson, Professor of Psychology, was appointed Interim Dean. The next year he was appointed the Founding Dean of the College. The creation of the College of Behavioral and Social Sciences represent a transformation in how we think about education and training at NCCU. This college was created to be responsive to rapid changing world of science, technology, societal needs, and our ever changing political and economic structures that provide the very foundation of our existence. The CBSS positions NCCU to become major players in this ever-changing and dynamic landscape. Increasingly, the most pressing and emergent population health challenges necessitate collaboration between the biomedical and social and behavioral sciences. The solution to our biggest health challenges may depend on whether scientist from the biomedical and behavioral and social sciences are able to learn each other's language, listen across through gulfs that separate their sciences, and forge a new conceptual synthesis across their disciplinary boundaries. Behavioral and social science stands at a crossroads, bridging biology and the environment, linking basic and applied science, and informing national policy," said OBSSR Director David Abrams, Ph.D. "Critical challenges face our national health agenda, including aging baby boomers, chronic diseases, and health disparities. About 70 percent of our health

outcomes involve behavior at individual, group, and societal levels. Investments in socio-behavioral research have already paid off and can yield enormous future benefits, not only in economic terms but also in preventing death and suffering."

Departments

The departments in the CBSS represent a broad spectrum of behavioral and social science disciplines. The Departments are:

Criminal Justice
 Human Sciences
 Physical Education and Recreation
 Political Science
 Psychology
 Public Administration
 Public Health Education
 Social Work
 Sociology

College Priorities

The CBSS priorities are consistent with the University's current agenda. The priorities of the University are to increase and improve retention, graduation, and placement rates; accreditation; quality customer service; internationalization of the curriculum and University; and appropriate and adequate use of technology and other innovative pedagogy. Therefore, the College has the following goals:

1. To sustain excellent, innovative teaching, learning and research in an environment grounded in intellectual discovery and community service.
2. To enhance the rigor and relevance of existing degree programs while developing new programs to meet the evolving needs of society.
3. To build upon NCCU's history of addressing the needs of underserved groups through innovative outreach efforts and effective retention strategies.
4. To systematically increase public and private financial support and expand collaborative partnerships.

5. To increase NCCU's participation and presence locally, nationally and internationally to enhance the University's image.
6. To promote the use of integrated information technology in academic and administrative functions.
7. To ensure that appropriate facilities are available in requisite quality and quantity.
8. To implement a University-wide Continuous Improvement Process to promote efficiency and effectiveness.

Academic Programs

One of the major strengths of CBSS academic programs is the number of major accreditation or reaffirmations and first time accreditations. The College now has the following accredited programs: Athletic Training, Department of Physical Education (Commission on Accreditation of Athletic Training Education); Criminal Justice (North Carolina Criminal Justice Education and Training Standards Commission); Dietetics, Department of Human Sciences (Commission on Accreditation for Dietetics Education); Health Education (Society of Public Health Education; American Association for Health Education; Parks and Recreation, Physical Education and Recreation Department (National Recreation and Park Association/American Association for Physical Activity and Recreation); Social Work (Council on Social Work Education).

Criminal Justice

Dr. Harvey L. McMurray, Chairperson
Telephone: (919) 530-5204 e-mail: hmcmurray@nccu.edu
Mr. Joseph Sroka, Esq., Director of Undergraduate Studies
Telephone: (919) 530-5196 e-mail: jsroka@nccu.edu
Fax: (919) 530-5195

The Department of Criminal Justice offers courses leading to both Bachelor of Science and Master of Science Degrees in Criminal Justice. Curriculum and practice experiences are designed to help develop students and practitioners with critical and analytical skills to promote the administration

of justice and crime prevention and control in a diverse and global society.

The undergraduate curriculum is designed to provide students with an understanding of the criminal justice system, its agencies, personnel, and historical foundation. The Department seeks to educate traditional students as well as promote workforce development by targeting persons currently working in the criminal justice field. Students who major in criminal justice have many opportunities to further their personal and professional development.

Course Requirements for the Bachelor of Science in Criminal Justice

Any student who plans to major in Criminal Justice must meet the following requirements before being admitted to the Department:

1. Complete at least 18 credit hours of course work with a grade of "C" or higher as follow:
ENG 1110, 1210, MATH 1100, SOCI 2100, PSY 2100, and CRJU 2250.
2. Have an overall Grade Point Average of 2.0 or higher.

Major Course requirements

Complete all courses in the Criminal Justice Core Curriculum and courses in one of the Criminal Justice Concentrations with a grade of "C" or higher.

1. **Criminal Justice Core Curriculum** (23-26 semester hours):
CRJU 2650, 3000, 3060, 4060, 4061, 4110, 4111, 4510, and 4600. CRJU 4000 (a practicum course) is required of majors without one [1] year of criminal justice or related experience).
2. **Criminal Justice Concentrations** (18 semester hours). Complete one of the following:
Law Enforcement: CRJU 2250, 2350, 2500, 3050, 4150, and 4250.
Corrections: CRJU 2250, 2450, 2510, 3070, 4160, and 4350.
Homeland Security: HLS 3000, 3200, 3500, 4200, 4210, and 4500.

Juvenile Justice: CRJU 2250, FCSC 2170, SOCW 3500, 3600, CRJU 3650, and 4650.

Computer Forensics: CRJU 2250, COMP 2110, COMP 2115, COMP 3105, CRJU 4305, COMP 4310.

Note: Students must see their designated advisor at least once each semester prior to class registration and are responsible for knowing their requirements for graduation. Students are advised to have a second major consistent with their career interest.

Four-Year Curriculum Plan for Criminal Justice Majors

FRESHMAN YEAR

Fall Semester			Spring Semester		
		Credits			Credits
*ENG 1110	English Comp. I	3	*ENG 1210	English Comp. II	3
MATH 1100	College Algebra	3	= Foreign Language II		3
*HUSC 1521	Dimen. of Learning	3	*HIST 1320	World Societies	3
*PEDU 1541	Fitness	2	*HEDU 1531	Health	2
	=* Foreign Language I	<u>3</u>	*MATH 1200	Finite Mathematics	3
		14	+CRJU 2250	Intro to Crim Justice	<u>3</u>
					17

SOPHOMORE YEAR

Fall Semester			Spring Semester		
		Credits			Credits
*HUM 2410 or 2420	Arts & Hum.	3	Elective		3
*SCI 1220	Science Odyssey	4	+Science Elective		3
*SOCI 2100	Intro to Sociology	3	&PSY 2100	Intro to Psychology	3
+CRJU 3060	Ethics in Crim Justice	3	=CRJU or HLS	Concentration	3
	*Foreign Language III	<u>3</u>	+CRJU 3000	Crim Justice Theory	<u>3</u>
		16			15

JUNIOR YEAR

Fall Semester			Spring Semester		
		Credits			Credits
*ENG 1250	Elements of Speech	3	+CRJU 2650	Juvenile Justice	3
=CRJU or HLS	Concentration	3	=CRJU or HLS	Concentration	3
+CRJU 4060	Statistics	3	+CRJU 4000	Practicum	3
+CRJU 4061	Statistics Lab	1	+CRJU 4110	Research Methods	3
+CRJU 4510	Criminal Procedure	3	+CRJU 4111	Research Meth Lab	1
	Elective	<u>3</u>		Elective	<u>3</u>
		16			16

SENIOR YEAR

Fall Semester			Spring Semester		
		Credits			Credits
=CRJU or HLS	Concentration	3	=CRJU or HLS	Concentration	3
+CRJU 4600	Senior Seminar	3		Elective	3
=CRJU or HLS	Concentration	3		Elective	3
&Humanities	Elective	3		Elective	3
	Elective	<u>3</u>	=RJU or HLS	Concentration	<u>3</u>
		15			15

Total Semester Credit Hours Required for Graduation: 124

* If this course is not required, credit hours are necessary.

Distribution of Hours

* General Education Curriculum - GEC (41)
 + Criminal Justice Required Courses (29)
 & Electives (27)
 = Criminal Justice Concentration (27)

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Criminal Justice Undergraduate Course Descriptions

CRJU 2250. Introduction to Criminal Justice (3)
Prerequisite for all Criminal Justice courses. An introduction to the philosophical and historical background, agencies, processes, and functions of the criminal justice system. Students will be introduced to career opportunities, communication skills in criminal justice and ethical and employment considerations.

CRJU 2350. Introduction to Law Enforcement (3)
An examination of the principles of organization, administration and functions of police departments. An evaluation of personnel policies, decisions, operations, command policies and the department as a whole. Contemporary law enforcement issues will be discussed.

CRJU 2450. Introduction to Corrections (3)
A survey of philosophy and history of corrections; a study of correctional institutions; probation, parole and processes; and other components of the correctional system. Contemporary corrections issues will be discussed.

CRJU 2500. Criminal Investigation and Forensic Science Application (3)
Prerequisite: CRJU 2350. An examination of criminal investigation fundamentals including crime scene search, collection and preservation of evidence, interviews, interrogation, case preparation, and the familiarization with specific instrumentation in crime detection and evidence selection for evidentiary value.

CRJU 2510. Corrections in the Community (3)
This course examines the historical development of probation, parole and community-based alternatives. Emphasis will be placed on community based programs that can be a viable alternative to prison and the re-entry of ex-offenders in their communities.

CRJU 2650. Juvenile Justice (3)
An in-depth study of the juvenile justice system. Topics covered are the development of delinquent behavior, initial handling and proper referrals, preventive police techniques, special police

problems with juveniles, juvenile law, and related juvenile justice agencies.

CRJU 3000. Criminal Justice Theory (3)
An overview of major criminological theories, theory construction, testing, and application. A critical analysis of the policy implications for varying theoretical perspectives will be discussed.

CRJU 3020. Introduction to Private Security (3)
An examination of the role of the security industry in criminal justice; administrative, personnel and physical aspects of the security field; loss prevention management.

CRJU 3050. Police Community Relations (3)
Examination of police community relations from historical and contemporary perspectives. Also explore citizen involvement and community outreach in efforts to promote public safety.

CRJU 3060. Ethics in Criminal Justice (3)
The study of ethical diversity, critical thinking and moral reasoning with selective readings emphasizing a variety of ethical perspectives. The specific cultural ethical and specific problems associated with law enforcement, corrections, and the courts emphasizing legal and societal constraints and codes of conduct will be analyzed.

CRJU 3070. Correctional Theory and Practice (3)
Prerequisite: CRJU 2450. This course will study theoretical applications and how they relate to practice in various institutional and community correctional settings. The course will also explore the role of theory in the organizational management of corrections.

CRJU 3500. Legal and Ethical Aspects of Forensic Science (3)
Prerequisites: CRJU 2350 and 2500. An examination of evidence, court procedures, legal and ethical issues and the role of forensic science in the field of criminal justice.

CRJU 3600. Advanced Forensic Science Applications with Lab (3)
Prerequisites: CRJU 2350, 2500 and 3500. An overview of forensic science from a biological, chemical and criminalistic perspective, and its application from the crime scene to the court

process. Permission of instructor and two years of biology or chemistry.

CRJU 3650. Counseling in Juvenile Justice (3)
Pre-requisite: CRJU 2650 Juvenile Justice
This course focuses on research-based prevention and intervention strategies. Emphasis will be placed on strategies that improve psychosocial functioning via risks and needs assessments, treatment planning, behavioral management techniques, and therapeutic relationships.

CRJU 4000. Criminal Justice Practicum (3)
Student must have successfully completed at least 70 semester hours. Practicum is designed to serve as a nexus between theoretical knowledge and practical work experience. Any student that has one year of full-time work experience from a criminal justice agency approved by the department may waive this requirement.

CRJU 4010. Correctional Management Theory (3)
Prerequisite: CRJU 2450. This course is designed to give students an in-depth understanding of management theories and current management systems, supervision, and supervisory principles as applied to corrections and total care institutions; administration, programs and staff roles.

CRJU 4025. Drugs, Addictions, Vice and Crime (3)
This course involves an in-depth examination of the causes, prevention and control of the so-called "victimless crimes" such as drug use, addictions, gambling and prostitution. In addition, other criminal offenses associated with crimes of vice will be discussed.

CRJU 4060. Statistical Methods in Criminal Justice (3)
Prerequisite: MATH 1100. A statistics course that develops an understanding of statistical methods and procedures with an emphasis on criminal justice research and data analysis. A variety of statistical techniques will be discussed as well as their application in social science research.

CRJU 4061. Statistical Methods in Criminal Justice Laboratory (1)
Computer laboratory designed to enhance classroom instruction through interpreting, comprehending and use of data from an applied perspective.

CRJU 4110. Research Methods in Criminal Justice (3)
Prerequisites: CRJU 3000, 4060, and 4061. This course serves to develop the student's research skills with an emphasis in analytical thought processes, research design and problem solving. This course will focus on the integration of research methods, data processing and data analysis.

CRJU 4111. Research Methods in Criminal Justice Laboratory (1)
Laboratory experience in SPSS, research design, concepts, operationalization and measurement. Collecting, inputting, and interpreting data sets.

CRJU 4150. Police Management Theory (3)
Prerequisite: CRJU 2350. An advanced course focusing upon management theories, current management systems, supervision and supervisory principles as applied to police administration. This course examines leadership skills, planning and implementation, decision making and creative problem-solving for the police administrator.

CRJU 4160. Correctional Counseling (3)
Prerequisite: CRJU 2450: An overview and survey of counseling and rehabilitation approaches which are relevant to contemporary corrections. Techniques will be examined in the use of treatment, counseling, and rehabilitative practices.

CRJU 4200. International Corrections (3)
Prerequisites: CRJU 2250 and 2450. An in-depth study of the major correctional systems of the world. Emphasis will be on examining existing philosophy, trends and problems of these systems.

CRJU 4210, 4220. Contemporary Problems in Criminal Justice I and II (3, 3)
Permission of instructor required. These courses will allow the program to teach contemporary and special criminal justice issues that are not taught as a part of the regular curriculum.

CRJU 4250. Criminal Law for Criminal Justice Personnel (3)
A course designed to provide a basic concept of criminal law and to provide legal ground work for those who seek to enter the criminal justice

system. The structure, definitions and interpretations of the most frequently used criminal statutes and the purpose of criminal sanctions will be analyzed.

CRJU 4260. Independent Study in Criminal Justice (3)

Permission of the instructor is required. This course allows the student to make an in-depth study of the literature in an area of special interest within the criminal justice system. The student will submit a prospectus to be approved by the faculty prior to enrollment in the course.

CRJU 4270. Communication Skills for Criminal Justice Personnel (3)

This course teaches the use and meaning of vocabulary peculiar to the profession and also emphasizes the skills necessary in communicating in the criminal justice area.

CRJU 4305. Law, Evidence and Testimony in Computer Forensics (3)

Prerequisites: COMP 2110 and 2115.

The course is designed to provide the student with an understanding of factors related to the law, evidence and expert testimony in computer forensics. The expert witness needs to be able to demonstrate both theory and application of computer forensics to the prosecutor, court and jury, and they must be able to understand their function with both civil and criminal cases, the burden of proof required in each, and prosecutorial and judicial duties and responsibilities.

CRJU 4350. Legal Aspects of Corrections (3)

Prerequisites: CRJU 2250 and 2450. This course will analyze the role of law in corrections including substantive rights of prisoners, prisoner remedies, procedural rights of prisoners, the legal authority and responsibility of correctional agencies and the restoration of offenders' rights.

CRJU 4500. Criminal Justice Honors (3)

Prerequisites: 3.0 GPA and permission of the instructor.

This course will allow exceptional students to work on an individual basis with a faculty member in an area of interest.

CRJU 4510. Criminal Justice and Court Processes (3)

The structure and function of the criminal courts and the structure, definitions and interpretations of the most frequently used sections of the penal code and other criminal statutes.

CRJU 4600. Senior Seminar (3)

Criminal Justice seniors with permission of the instructor. The course is designed to integrate the students' skills and knowledge, and prepare them to analyze current issues they must face as professionals in the field. Emphasis will be placed on the administration and inter-relationships of criminal justice agencies, ethics, and sensitivity to the needs of victims and offenders. The course will also serve as a vehicle to prepare students for continued graduate study and/or the professional arena.

CRJU 4650. Juvenile Justice Policy and Practice (3)

Pre-requisite: CRJU 2650 Juvenile Justice

This course will explore current juvenile justice policy and practice. Topics to be discussed include law enforcement; corrections and detention, alternatives to incarceration, intake/ assessment, confinement, after care/reentry; the courts, sentencing, waivers/transfer and youth courts. Best practices in juvenile justice will also be discussed.

CRJU 4700. Criminal Justice CO-OP (1-12)

Permission from the department chair is required. This course is designed to provide students with an opportunity to take a one or two semester work experience in an approved agency. The course will allow students to work 10-40 hours per week in an approved agency with approved supervision. A prospectus is required prior to enrollment in the course.

HLS 3000. Introduction to Homeland Security (3)

This course is designed to introduce the student to the scope of issues facing the American public, the private sector and law enforcement on securing the country against threats posed by domestic and international terrorist groups. Threats to American interests abroad will also be analyzed.

HLS 3200. Emergency Management and Recovery (3)

This course exposes students to emergency management, mitigation, preparedness, response, and recovery. The course concentrates on the recovery phase, which involves bringing the affected area back to *status quo ante* and explores how mitigation for the next event ties in with recovery. Included is discussion of eminent domain in the disaster recovery context as well as the roles of federal, state, and local governments.

HLS 3500. Infrastructure Protection (3)

This course is designed to familiarize the student with the principles of Homeland Security infrastructure protection as outlined in presidential directives, executive orders and federal and state law, court opinions, regulations, policies, and procedures.

HLS 4000. Financial Investigations (3)

This course will cover the background priorities and laws of the United States in fighting money laundering. Title 18 Sections 1956 and 1957 will be discussed, as well as, the International Emergency Economic Powers Act (50 U.S.C. 170), the Patriot Act and other Federal and United Nations acts. Any additional acts, resolutions, court opinions, or amendments regarding money laundering will also be analyzed and explored.

HLS 4200. Transportation Security (3)

This course will allow the student the ability to recognize some of the challenges facing transportation security and to formulate possible solutions to address these challenges. Students will examine current security responses by federal, state and local governments, as well as, private industry in the area of aviation, marine, highway and rail safety.

HLS 4210. Corporate/Private Security (3)

This course teaches students with the methods of securing the infrastructure of the United States. The student will have an understanding of all aspects of security, including the ability to identify threat elements to civil aviation operations, transportation, trains, rivers, bridges, and roads. Further the student will be able to apply their knowledge in providing briefings regarding their independent research into the methods utilized in the infrastructure protection by private and corporate security.

HLS 4500. Homeland Security Law and Policy (3)

Prerequisites: HLS3000. This course is designed to give the student an overview of homeland security law and policy. Students will explore emergency response, emergency management, and terrorism after 9/11/2001.

Human Sciences

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The Department of Human Sciences offers competitive programs of study leading to Bachelor of Science degrees in Family and Consumer Sciences, Early Childhood Education (Birth Through Kindergarten Licensure) and a concentration in Family and Consumer Sciences Education. Experiential learning is utilized in each program to include diverse, multi-cultural, and interdisciplinary perspectives of family studies.

The degree in Family and Consumer Sciences offers three areas of specialization: Child Development and Family Relations, Foods and Nutrition, and Apparel Design. The program of study in Child Development and Family Relations prepares students for working effectively with individuals and families in a variety of contexts. The students gain experience in the analysis and application of theories with implications for life span development. Preparation in this field leads to employment in the areas of preschool programs, youth programs, family resource centers, and child care resource and referrals agencies, social services, research, government agencies, Cooperative Extension services, industry, and graduate studies in many related disciplines.

The concentration in Foods and Nutrition offers courses of study in dietetics and institutional management with supporting courses in biology, chemistry, and business. The Didactic Program in Dietetics is approved by the American Dietetic Association (ADA). Students who successfully complete the program become eligible to apply for dietetic internships. Students completing four years in dietetics can work in health departments, WIC, food research, food production agencies, etc. The focus on Institutional Management prepares students for employment in school and commercial food service management.

The concentration in Apparel Design includes course work in merchandising and apparel design, with supporting courses in art, business, and dramatic art. Students successfully completing this program pursue careers in buying, apparel and visual merchandising, retail sales and management, designing, and product development.

The degree in Early Childhood Education (Birth Through Kindergarten Licensure) prepares students for teacher licensure and a teaching career with children from birth through five years in inclusive settings serving both typically and atypically developing young children and their families. In addition to the areas identified for Child Development and Family Relations, students successfully completing the program may seek employment in public school classrooms, private preschools and kindergartens, home-based early intervention programs, Head Start, developmental day programs, and a variety of child care centers and programs.

The concentration in Family and Consumer Sciences Education prepares students for a teaching career in family and consumer sciences programs. Students will complete courses in child development and family relations, foods and nutrition, and apparel design.

STUDENTS MUST PASS A DEPARTMENTAL COMPETENCY EXAMINATION PRIOR TO ENROLLING IN THE PRACTICUM COURSE. STUDENTS WHO MAINTAIN A 3.0 OR BETTER IN MAJOR COURSES MAY BE EXEMPTED FROM THE COMPETENCY EXAM. A GRADE OF "C" OR BETTER MUST BE EARNED IN ALL MAJOR COURSES. EXCEPTIONS OF THIS POLICY MUST BE APPROVED BY THE DEPARTMENT CHAIRPERSON. Students are required to participate in professional organizations related to program areas, and attend area meetings.

Requirements for the Degree in Family and Consumer Sciences

Requirements for the Specialization in Child Development and Family Relations:

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0. A minimum of 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum (GEC) Program.
3. Computer Elective: One course from FCSC 2150, CIS 1100, COMP 4500, EDU 2800, PADM 3130.
4. Departmental required courses for Child Development and Family Relations: CLTX 2420; FOOD 2200 or 2300; FCSC 1000, 2810, 2900, 3000, 3210, 3320, 3610, 4200, 4620, 4730, 4810, 4900, 4920.

Requirements for the Specialization in Foods and Nutrition

(Concentration in Dietetics):

1. Complete a minimum of 125 semester hours with a cumulative grade point average of 2.0. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum (GEC) Program.
3. For Science requirements: complete CHEM 1100 and CHEM 1200.
4. Non-departmental requirements: complete the following:
 - a. One statistics course from BIOL 4200, EDU 3700 or CRIM 4050.
 - b. CHEM 3100.
5. ACCT 2400; BIOL 1610, 1620;
6. Computer Elective: One course from FCSC 2150, CIS 1100, COMP 4500, PADM 3130.
7. Departmental required courses: FCSC 1000, 4200, 4900; CLTX 2420.
8. Foods and Nutrition required courses: FOOD 2200, 2210, 2310, 2320, 2340, 3210, 3410, 3510, 3520, 4210, 4500, 4600, 4620, 4630, 4660, 4670, 4671, 3 credit hours of electives.
9. Suggested Electives: CHEM 1500, 3120, 3310; FOOD 4800; MGT 3000.

Concentration in Institutional Management:

1. Complete a minimum of 128 semester hours with a cumulative grade point average of at least 2.0. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum (GEC) Program.
3. Non-departmental requirements: complete the following:
 - a. One statistics course from BIOL 4200, EDU 3700, or CRIM 4050; MATH 1110; or DSC 2010.
 - b. ECON 2200 and 2300.
 - c. ACCT 2400, 2500; FIN 3200; MGT 3000, 3700, 4510 or HADM 3800; PSY 2100.
4. Computer Elective: One course from FCSC 2150, CIS 1100, COMP 4500, PADM 3130.
5. Departmental required courses: CLTX 2420; FCSC 1000, 4200, 4900.
6. Institutional Management required courses: FOOD 2200, 2210, 2310, 2320, 2340, 3410, 3510, 3520, 4620, 4670, 4671, 4700, 4710, 4800, 6 credit hours of food/management/hospitality electives.

Requirements for the Specialization in Apparel Design:

1. Complete a minimum of 124 semester hours with a cumulative grade point average of a 2.0. A minimum of 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum (GEC) Program.
3. Computer elective: FCSC 2150 or ARTF 2150.
4. Departmental required courses: FOOD 2300; FCSC 1000, 4200, 4500 (ECON 2200 or 2300 can be taken in lieu of FCSC 4500), 4900.
5. Textiles & Apparel required courses: CLTX 2410, 2420, 2510, 2620, 3010, 3020, 3030, 3820, 4400, 4410, 4420, 4510, 4520, 4550.
6. Suggested electives: ARTF 2110; ARTF 2150; CLTX 2430, 3020, 3030, 3110, 4550; FCSC 4910.

Requirements for the Degree in Birth Through Kindergarten Teacher Education (B-K)

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.5. Thirty hours of residency must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum (GEC) Program.
3. Departmental required courses: FCSC 1000, 2810, 2900, 2910, 3600, 3620, 3621, 3630, 3631, 3640, 3650, 4200, 4900, 4930, 4940, 4941, 4990; FCSC 2800 (FOOD 2300 may be used to substitute for FCSC 2800).
4. Education requirements: EDU 2800, 3000, 3030.
5. Students must pass the PRAXIS I exam before being admitted to the Teacher Education Program and enrolling in upper division courses: FCSC 3640, 3650, 4930, 4940, 4941, 4990.

Minor In Family & Consumer Sciences

Students desiring to declare a minor in a specialty area of Family and Consumer Sciences must satisfy a minimum of 21 semester hours from one of the areas of specialization listed below:

- Child Development and Family Relations: FCSC 2810, 2900, 3000, 3210, 3300, 3320, 3610 or 3630, 4200, 4620, 4730, 4810, 4920.

- Foods and Nutrition (Dietetics): FOOD 2200 or 2300, 2210, 2310, 2320, 3410, 3510, 3520, 4210, 4600, 4630, 4660, 4670, 4671.
- Foods and Nutrition (Institutional Management): FOOD 2200 or 2300, 2210, 2310, 2340, 3510, 3520, 4670, 4700, 4710
- Apparel Design: CLTX 2410, 2420, 2510, 2620, 3010, 3020, 3030, 3110, 3820, 4410, 4420, 4550.
- Early Childhood Education: FCSC 2800, 2810, 2900, 2910, 3600, 3620, 3621, 3630, EDU 3000, 3030.

Concentration in Family and Consumer Sciences Education (Secondary Licensure)

1. Maintain a minimum cumulative grade point average of 2.5.
2. Required Courses: EDU 2800, 3000, 3030, 3170; FCSC 2000, 2500, 4100, 4110, 4115, 4215
Speciality Courses: FOOD 2310, 2210 or CLTX 2410, 3110
3. Students must pass the PRAXIS I exam before being admitted to the Teacher Education Program and enrolling in upper division courses: FCSC 4100, 4110, 4115, 4215,; EDU 3170.

Four-Year Curriculum Plan in Family and Consumer Sciences Specialization in Child Development and Family Relations

Freshman Year

Fall Semester			Spring Semester		
		Credits			Credits
*ENG	1110 English Comp	3	*ENG	1210 English Comp	3
*MFL	Level III	3	*MATH	GEC Requirement	3/4
*MATH	GEC Requirement	3/4	*SCI	GEC Requirement	3/4
*HUSC	1521 Dimensions of Learning	2	*ENG	1250 Elements of Speech (SI)	3
*PEDU	1541 Fitness	2	+FCSC	2150 Computer Applications	3
+FCSC	1000 Intro to Fam/Consum Sci.	3			

Sophomore Year

Fall Semester			Spring Semester		
		Credits			Credits
*SOSC	GEC Requirement	3	*HIST	1320 World Societies	3
*HUM	Arts & Humanities I or II	3	*HUM	GEC Requirement	2/3
*HEDU	1531 Health	2	*SCI	GEC Requirement	3/4
+FOOD	2300 Nutrition & Health Promotion	3	+CLTX	2420 Clothing and People	3
=FCSC	2900 Prenatal/Infant/Toddler Dev	3	=FCSC	2810 Intro to Ed of Yng Child	3
&	Elective	3	=FCSC	3210 Creative Act f/Yng Child	3

Junior Year

Fall Semester			Spring Semester		
		Credits			Credits
=FCSC	3000 Middle Childhood/Adol	3	=FCSC	3320 Family Policy	3
=FCSC	3610 Cur/Inst for Yng Children	3	=FCSC	4810 Persp on Dis/Spec Needs	3
#	Minor Elective	3	#	Minor Elective	3
#	Minor Elective	3	#	Minor Elective	3
&	Elective	3	&	Elective	3

Senior Year

Fall Semester			Spring Semester		
		Credits			Credits
+FCSC	4200 Family and Social Systems	3	=FCSC	4620 Practicum in Hum Dev (WI)	3
=FCSC	4730 Admin/Sup of Hum Dev Prog	3	=FCSC	4920 Parent Education	3
+FCSC	4900 Senior Seminar	2	#	Minor Elective	3
#	Minor Elective	3	#	Minor Elective	3
&	Elective	3	&	Elective	3

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

* Core Curriculum Courses - 41

+ Family & Consumer Sciences Required Courses - 17

= Child Dev & Family Relations Required Courses - 30

Minor Electives - 21

& Electives - 15

< Students must take and pass the departmental competency exam with a score of seventy or better prior to enrolling in FCSC 4620 (Practicum in Human Development). * Students who maintain a minimum 3.0 grade point average in their major courses will be exempt from the competency exam.

< * Prior to enrolling in FCSC 4620, students must have successfully completed FCSC 2810, FCSC 2900, FCSC 3210, and FCSC 3610, or their respective equivalents, with a grade of "C" or better. This requirement must be met regardless of a student's grade point average. Students who have a minimum grade point average of 3.0 in their major courses but have not successfully completed the above indicated courses (FCSC 2810, FCSC 2900, FCSC 3210 and FCSC 3610) will not be allowed to enroll in FCSC 4620.

(SI) = Speaking Intensive; (WI) = Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

**Four-Year Curriculum Plan in Family and Consumer Sciences
Specialization in Foods and Nutrition with a Concentration in Dietetics**

Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG	1110 English Comp	3	*ENG	1210 English Comp	3
*MFL	Level III	3	*MATH	1200 Algebra/Trig	3
*MATH	1100 Algebra/Trig 1	3	*HUSC	1521 Dimensions of Learning	2
*CHEM	1100 General Chemistry I	4	*HEDU	1531 Health	2
+FCSC	1000 Intro to Fam/Cons Sci.	3	*PEDU	1541 Fitness	2
			=FOOD	2200 Intro to Human Nutrition	3

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*ENG	1250 Elements of Speech (SI)	3	*HIST	1320 World Societies	3
*SOSC	2000 OR Psy 2100	3	%CHEM	1200 General Chemistry II	4
=FOOD	2210 Sanitation and Safety	2	%BIOL	1620 Hum Anatomy & Phys II	3
%BIOL	1610 Hum Anatomy/Physiology I	4	=FOOD	2310 Food Sel/ Prep/Meal Mgt	3
+	Computer Elective	3	=FOOD	2320 Intermediate Nutrition	3

Junior Year

Fall Semester		Credits	Spring Semester		Credits
*HUM	Arts & Humanities I or II	3	*HUM	GEC Requirement	3
%CHEM	3100 Organic Chemistry I	3	%	Statistics	3
=FOOD	2340 Intermediate Meal Mgt	4	%ACCT	2400 Principles of Accounting I	3
=FOOD	3410 Food Sci/Experim Foods (O)	3	=FOOD	3210 Clinical Assmnt/Counseling	2
=FOOD	3510 Inst/Qty Food Purchasing	3	=FOOD	3520 Inst Mgt & Organization	3
			+CLTX	2420 Clothing and People	3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
=FOOD	4210 Applied Nutrition	3	=FOOD	4630 Clinical Nutrition II (O)	3
=FOOD	4600 Clinical Nutrition I (E)	3	=FOOD	4660 Clinical Nut Practicum	3
=FOOD	4670 Nutrition Education (O)	2	=FOOD	4671 Community Nutrition (E)	2
=FOOD	4500 Nutrition Biochemistry	4	+FCSC	4200 Family and Social Systems	3
=FOOD	4620 Selected Topics in Nutrition	2	+FCSC	4900 Senior Seminar	2
			&	Elective	3

TOTAL MINIMUM CREDIT HOURS: 125

Distribution of Hours

* Core Curriculum Courses	-	40
+ Family & Consumer Sciences Required Courses	-	14
= Foods & Nutrition Required Courses	-	48
% Non-departmental Required Courses	-	20
& Electives	-	3

(SI) = Speaking Intensive; (WI) = Writing Intensive

☐ Students must pass Competency Exam or have 3.0 GPA in major & 2.75 Cumulative GPA to obtain Verification Statement. Also, all F & N students must pass nutrition, sciences & business courses with a minimum grade of "C".

☐ (O) = Odd years; (E) = Even Years

☐ Suggested Electives:

CHEM 1500 Chemistry and Human Life (3); CHEM 3120 Organic Chemistry II; CHEM 3310 Organic Chemistry Laboratory I (2); FOOD 4800 Food Service/Plan: Layout/Equip (3); MGT 3000 Organization and Management
Chemistry 1000 and 1500 may be used lieu of Chemistry 1100 and 1200 respectively

Four-Year Curriculum Plan in Family and Consumer Sciences Specialization in Foods and Nutrition with a Concentration in Institutional Management

Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG	1110 English Comp	3	*ENG	1210 English Comp	3
*MFL	Level III	3	*MATH	1200 Algebra/Trigonometry	3
*MATH	1100 Mathematics 1	3	*HUSC	1521 Dimensions of Learning	2
*BIO or CHEM 1000		3	*HEDU	1531 Health	2
+FCSC	1000 Intro to Fam/Cons Sci.	3	*PEDU	1541 Fitness	2
			=FOOD	2200 Intro to Human Nutrition	3

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*ENG	1250 Elements of Speech (SI)	3	*HIST	1320 World Societies	3
*SOCI	2000 Soc & Human Behavior	3	*HUM	Arts & Humanities I or II	3
+CLTX	2420 Clothing and People	3	*BIO 1300 Or CHEM 1500		3
%	Statistics or DSC 2010	3	%PSY	2100 General Psychology	3
+	Computer Elective	3	=FOOD	2310 Food Sel, Prep/Meal Mgt	3
=FOOD	2210 Sanitation and Safety (E)	2	&	Elective	3

Junior Year

Fall Semester		Credits	Spring Semester		Credits
*ECON	2200 Prin of Macroeconomics	3	%ECON	2300 Prin of Microeconomics	3
%ACCT	2400 Principles of Accounting I	3	%MGT	3000 Organization & Mgt	3
=FOOD	2340 Intermediate Meal Mgt	4	%ACCT	2500 Prin of Accounting II	3
=FOOD	3410 Food Sci/Experimental Foods	3	=FOOD	3510 Inst Mgt & Organization	3
=FOOD	3520 Inst/Qty Food Purchasing	3	=FOOD	2320 Intermediate Nutrition	3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
=FOOD	4670 Nutrition Education (O)	2	=FOOD	4671 Community Nutrition (E)	2
=FOOD	4800 Food Ser/Plan: Layout/Equip	3	=FOOD	4700 Qty Food Prod & Service	3
	Or HADM 4700 Hospitality Facilities Mgt		=FOOD	4710 Food Service Practicum	3
+FCSC	4200 Family and Social Systems	3	+FCSC	4900 Senior Seminar	2
%MGT	3700 Organizational Behavior	3	%FIN	3200 Principles of Finance	3
%MGT	4510 Human Resource Management	3	&	Elective	3
	Or HADM 3800 Human Resources Mgt				
=FOOD	4620 Selected Topics Nutrition	2			

TOTAL MINIMUM CREDIT HOURS: 128

Distribution of Hours

* Core Curriculum Courses	-	42
+ Family & Consumer Sciences Required Courses	-	14
= Foods & Nutrition Required Courses	-	39
% Non-departmental Required Courses	-	27
& Electives	-	6

(SI) = Speaking Intensive; (WI) = Writing Intensive

(O) = Odd years; (E) = Even Years

Suggested Electives:

HADM 1110 Intro to Hospitality (2)

HADM 1100 Lodging Mgt/Oper (3)

RECR 1000 Intro to Recreation (3)

Students must pass a specialty area competency exam

Four-Year Curriculum Plan in Family and Consumer Sciences Specialization in Apparel Design

Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG	1110 English Comp	3	*ENG	1210 English Comp	3
*MFL	Level III	3	*MATH	GEC Requirement	3/4
*MATH	GEC Requirement	3/4	*SOSC	GEC Requirement	3
*HUSC	1521 Dimensions of Learning	2	*HEDU	1531 Health	2
*SCI	GEC Requirement	3/4	*PEDU	1541 Fitness	2
+FCSC	1000 Intro to Fam/Cons Sci	3	=CLTX	2420 Clothing and People	3

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*ENG	1250 Elements of Speech (SI)	3	*SCI	GEC Requirement	3/4
*HUM	Arts & Humanities I or II	3	*HUM	GEC Requirement	2/3
*HIST	1320 World Societies	3	+FOOD	2300 Nutrition & Health Prom	3
=CLTX	2510 Consumer Textiles	3	=CLTX	2410 Apparel Cons & Mgt	3
#	Minor Elective	3	=CLTX	2620 History of Costume	3
#	Minor Elective	3			

Junior Year

Fall Semester		Credits	Spring Semester		Credits
+	Computer Elective	3	=CLTX	3030 Apparel CAD	3
=CLTX	3010 Fashion Illustration	3	=CLTX	4410 Apparel Design II	3
=CLTX	3020 Apparel Design I	3	=FCSC	4500 Economic Principles	3
=CLTX	3820 Fashion Buying	3	=CLTX	4520 Fashion Merchand II	3
=CLTX	4510 Fashion Merchandising I	3	#	Minor Elective	3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
=CLTX	4420 Tailoring (E)	3	=CLTX	4400 Internship in Prof Prac	6
=CLTX	4550 Trends in Tex & Apparel	3	#	Minor Elective	3
+FCSC	4200 Family and Social Systems	3	#	Minor Elective	3
+FCSC	4900 Senior Seminar	2	#	Minor Elective	3
#	Minor Elective	3			

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

* Core Curriculum Courses - 41

+ Family & Consumer Sciences Required Courses -14

= Textiles and Apparel Required Courses - 48

Minor Electives - 21

< Suggested Electives:

ARTF 2110, 2150

CLTX 2430, 3020, 3030, 3110, 4550

FCSC 4910

< Students must pass a specialty area competency exam prior to enrolling in Practicum 4710 or have a minimum GPA of 3.0 in major courses.

(SI) = Speaking Intensive; (WI) = Writing Intensive

****Four-Year Curriculum Plan in Family and Consumer Sciences
Degree in Birth Through Kindergarten Teacher Education (B-K)**

Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG	1110 English Comp	3	*ENG	1210 English Comp	3
*MATH	GEC Requirement	3/4	*SCI	GEC Requirement	3/4
*MFL	Level III	3	*MATH	GEC Requirement	3/4
*HUSC	1521 Dimensions of Learning	2	*ENG	1250 Elements of Speech (SI)	3
*PEDU	1541 Fitness	2	%EDU	2800 Comp Util in Inst Tech	3
+FCSC	1000 Intro to Fam/Cons Sci	3			

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*SOSC	GEC Requirement	3	*HIST	1320 World Societies	3
*HUM	Arts & Humanities I or II	3	*HUM	GEC Requirement	2/3
*HEDU	1531 Health	2	*SCI	GEC Requirement	3/4
+FCSC	2800 Health, Nut & Safety in EC	3	%EDU	3030 Diversity, Pedagogy/Soc Chng	3
=FCSC	2900 Prenatal/Infant/Toddler Dev	3	=FCSC	2810 Intro to Ed of Yng Child	3
&	Elective	3	=FCSC	2910 Typical/Atyp Presch Dev	3

Junior Year

Fall Semester		Credits	Spring Semester		Credits
=FCSC	3600 Guiding Behav in Yng Child	3	=FCSC	3630 Pro Dev for Presch/Kind	3
=FCSC	3620 Program Dev Infants/Toddlers	3	=FCSC	3631 Practicum Presch/Kinder	1
=FCSC	3621 Practicum with Infants/Toddlers	1	=U FCSC	3640 Assess/Eval in Ear Child	3
+FCSC	4200 Family and Social Systems	3	=U FCSC	3650 Lang/Lit in Early Child	3
%EDU	3000 Intro to Educational Psychology	3	&	Elective	3
&	Elective	3	&	Elective	3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
=U FCSC	4930 Reading/Research/Early Child	3	=U FCSC	4990 Directed Teaching	12
=U FCSC	4940 Families/Prof & Communities	3			
=U FCSC	4941 Practicum with Families	1			
+FCSC	4900 Senior Seminar	2			
&	Elective	3			
&	Elective	3			

** Requirements for this major may change to satisfy certifying agencies

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

* Core Curriculum Courses - 41

+ Family & Consumer Sciences Required Courses - 11

= Birth Through Kindergarten Required Courses - 45

% Non-departmental Required Courses - 9

& Electives - 18

U Upper division courses/Required Courses

< Students must pass PRAXIS I exam before enrolling in upper division courses.

< Students may be exempted from the competency exam by successfully passing PRAXIS II or maintaining a minimum GPA of 3.0 in major courses through the 1st semester of the senior year of coursework.

(SI) = Speaking Intensive; (WI) = Writing Intensive

Human Sciences Course Descriptions

HUSC 1020. Learning Strategies (3)

This course is designed to provide the student with the skills needed to become a successful college learner. In this course, students will learn strategies that will help them effectively handle college level work such as test taking, memorization, listening, note taking and organizational skills. The course will also provide students with tools to help them manage time in and out of the classroom and to effectively handle the pressures that often accompany living and learning in college.

HUSC 1521. Dimensions of Learning: College and Beyond (2)

An introductory course designed to prepare students to achieve personal, social and academic success in college and beyond. The dimensions of learning emphasize civic, social, and professional responsibilities; history and heritage of North Carolina Central University; effective communication; career development; critical thinking and problem-solving; information technology; and basic tools of research. Laboratory required.

CLTX 1000. Basic Apparel Construction (3)

An introductory course in basic apparel construction. These basic concepts and principles are prerequisite to apparel construction, design, and tailoring courses. Hand stitching, basic construction techniques, and sewing projects will be included. Laboratory required.

CLTX 2410. Apparel Construction and Management ((3)

The study of garment components, assembly, and construction. Emphasis will be placed on hands-on garment construction, evaluation, and assembly methods to provide functionality, quality, and fit. Laboratory required.

CLTX 2420. Clothing and People (3)

An interdisciplinary approach to the study of why and how people dress. The course provides information on the use of clothing and the personal appearance stimuli necessary for the understanding of self and others as well as giving

meaning to the role of clothing to particular cultures, technologies and periods of time.

CLTX 2430. Apparel Alterations (3)

This course examines the methods and procedures for customizing the fit of ready-to-wear apparel. Common garment fitting problems and solutions for solving those problems will be identified and explored.

CLTX 2510. Consumer Textiles (3)

A study of the identification, characteristics, properties, components of textiles fibers, yarns, fabric construction finishes, government standards, laws, and regulations as related to consumer use. Laboratory required.

CLTX 2520. Intermediate Textiles (3)

Prerequisite: CLTX 2510. An in-depth study of textile fibers. Chemical and physical testing techniques studied as they relate to end use and care. Laboratory required.

CLTX 2620. History of Costume (3)

The study of costumes worn throughout history with emphasis on social, economic, political, technological and religious events that have influenced present day dress.

CLTX 3010. Fashion Illustration (3)

Prerequisite: ARTF 2110. An introduction to sketching body form fashion figure and garments on the figures. Emphasis on the interaction of the garment draped on the human form, costume rendering and layout. Computer graphics applications are also applied.

CLTX 3020. Apparel Design I (3)

Prerequisites: CLTX 2410, 2510. A study of apparel design that emphasizes basic standards, and elements and principles of design. Experimentation with the flat pattern method and computer aided design to draft patterns according to function, form and commercial design is emphasized. Laboratory required.

CLTX 3030. Apparel CAD (3)

Prerequisite: CLTX 2410; ARTF 2150. Utilizing computers to facilitate the apparel and textile design process.

CLTX 3110. Textiles and Designs for Interiors (3)
An introduction to the fundamentals of interior design including drawing skills, symbols, space requirements and rendering two- and three-dimensional interiors. Laboratory required.

CLTX 3820. Fashion Buying (3)
The fundamental principles underlying merchandising practices and procedures involving profit performance, inventory, pricing and repricing, terms of sale and dollar planning and control. The student applies these concepts in solving merchandising problems and global issues.

CLTX 4400. Internship in Professional Practice (6)
Prerequisites: CLTX 2410, 2420, 2510, 3020, 3030, 3820, 4410, 4510, 4520. A supervised cooperative field study in educational institutions, social agencies, businesses and industries that support the textile and apparel industry. Weekly seminar, correlated readings, and portfolio required.

CLTX 4410. Apparel Design II (3)
Prerequisite: CLTX 2410 and 2510. An advance course in flat pattern development, draping, drafting, and computer design drawings and techniques. Experimentation with a sloper, draping, use of computer drawings, and drafting from body measurements will produce original apparel designs. Laboratory required.

CLTX 4420. Tailoring (3)
Prerequisite: CLTX 2410, or consent of instructor. The principles of tailoring including new methods of applications and various materials for construction. Laboratory required with garment design and construction are covered in this course.

CLTX 4510. Fashion Merchandising I (3)
The study of the basic principles that govern fashion movement and changes as well as concepts and practices in fashion merchandising at varying levels in the fashion business.

CLTX 4520. Fashion Merchandising II (3)
Prerequisite: CLTX 4510. An advanced study of buying and merchandising practices, and the duties and responsibilities of individuals involved

in visual merchandising, fashion communication, and fashion buying.

CLTX 4550. Trends in Textiles and Apparel (3)
A multidisciplinary examination of consumer issues in their social, economic, global and political context with a focus on consumer rights, ethics, public policy developments in production, performance, distribution and marketing of textiles and apparel.

CLTX 4910. Housing, Furnishings and Equipment (3)
A study of the historical, philosophical and management perspectives of housing, furnishings and equipment and the development of consumer awareness on environmental relationships involved.

FCSC 1000. Introduction to Family and Consumer Sciences (3)
An introduction to the field of family and consumer sciences and its philosophy from a historical, contemporary, and futuristic perspective.

FCSC 2000. Career and Technical Education (3)
A study of the history, philosophy, organization and administration of Career and Technical Education in Family and Consumer Sciences Programs. Emphasis will be given to North Carolina's program. Observation and participation required to provide early field experiences for prospective teachers.

FCSC 2150. Computer Applications in Consumer and Family Oriented Careers (3) (renumbered from HECO 4150)
The application of computer technology to consumer and family oriented careers, and individual and family situations.

FCSC 2170. Interpersonal Relationships and Group Dynamics (3)
A study of group behavior, conflict management, group dynamics and problem solving techniques in interpersonal relationships.

FCSC 2500. Consumer and Family Finances (3)

Consideration of basic economic principles which influence consumer decisions involving individual and family finances, with emphasis on purchasing practices of the consumer.

FCSC 2800. Health, Nutrition and Safety in Early Childhood (3)

An overview of the health, medical and physical needs of young children including safety procedures, infection control, common health problems, and licensing standards. Competencies for working with typical children and those with complex medical needs and physical disabilities are emphasized.

FCSC 2810. Introduction to the Education of the Young Child (3) (renumbered from HECO 3100)

An orientation to the philosophy, history, foundations, and basic principles of child development, early childhood education and early childhood special education. Emphasis is on recommended practices including family-centered, interdisciplinary, inclusive, individualized, individually appropriate, and culturally sensitive care.

FCSC 2900. Prenatal, Infant and Toddler Development (3)

An interdisciplinary, multicultural study of theories and research related to the physical, sensor motor, social, emotional, cognitive, communicative, aesthetic, and adaptive development of infants and toddlers. Observation experiences required.

FCSC 2910. Typical and Atypical Preschool Development (3)

Co-requisite: FCSC 2900. An interdisciplinary, multicultural study of theories and research related to the physical, social, emotional, cognitive, communicative, aesthetic, and adaptive development of typical and atypical children ages 3 to 5. Observation experiences required.

FCSC 3000. Middle Childhood and Adolescence (3)

A study of growth and development in middle childhood and adolescence (ages 6-18), with emphasis on theories and research in social, emotional, cognitive, and physical domains.

FCSC 3210. Creative Activities for Young Children (3)

Designed to identify creativity and implement strategies which encourage creativity in children. Emphasis will be on the development of nontraditional teaching through innovative curricula and technological experiences. Laboratory required.

FCSC 3300. Adulthood and Gerontology (3)

An analysis of the major characteristics and problems common to adulthood and the aging process.

FCSC 3320. Family Policy (3)

An examination of policies, issues and concerns which affect the social, economic and political functions of contemporary families.

FCSC 3600. Guiding Behavior in Young Children (3)

Prerequisite: FCSC 2900 and FCSC 2910. An in-depth study of developmentally appropriate guidance theories and strategies including establishing effective classroom routines and procedures, promoting prosocial behavior, minimizing disruptive behavior and utilizing effective behavior management techniques.

FCSC 3610. Curriculum and Instruction for Young Children (3) (renumbered from HECO 4610)

Co/Prerequisites: FCSC 2900, 2910. A focus on knowledge and skills in utilizing developmentally and functionally appropriate curricula models for children from birth through kindergarten.

FCSC 3620. Program Development for Infants and Toddlers (3)

Prerequisite: FCSC 2900. An introduction to the theoretical bases, goals, philosophies and characteristics of quality programs for infants and toddlers. Creating appropriate learning environments, building trusting and respectful relationships with children and their families, and developing an individualized curriculum will be the foundation for the course.

FCSC 3621. Practicum with Infants and Toddlers (1)

Co/Prerequisite: FCSC 2900. A weekly seminar designed to link theory and practice FCSC 3620

knowledge and skills through experiences in various settings with children from birth through age two. Opportunities are provided to reflect on individual's experiences.

FCSC 3630. Program Development for Preschool and Kindergarten (3)

Prerequisite: FCSC 2910. An introduction to the theoretical bases, goals, philosophies and characteristics of quality preschools and kindergartens including developmentally appropriate, family-centered, play-based, and inclusive care. The appropriate use of technology in the preschool and kindergarten classroom is presented.

FCSC 3631. Practicum in Preschool and Kindergarten (1)

Prerequisite: FCSC 2910. An opportunity to link knowledge and skills through experiences in a classroom setting with children between 3 years and kindergarten. A weekly seminar will connect theory and concepts from FCSC 3630 to real life settings and provide opportunities to reflect on individual's experiences.

FCSC 3640. Assessment and Evaluation in Early Childhood (3)

Prerequisite: FCSC 2900 and 2910. Designed to develop a broad set of child and family observation skills and the ability to apply and interpret a variety of formal and informal assessment tools. Methods of evaluating the effectiveness of teaching staff, curricula, and aspects of educational programs are presented.

FCSC 3650. Language and Literacy in Early Childhood (3)

Prerequisite: FCSC 2900 and 2910. Examines early language development and the language arts of listening, speaking, reading, and writing. Content includes the knowledge and skills needed to implement an integrated language arts curriculum and adapt it to meet the learning needs of individual children.

FCSC 3900. Management Theories and Principles (2-4)

An application of theories and principles of human resource management which influence the

selection and use of resources. Students may choose to register for 4 hours which requires laboratory experiences.

FCSC 4100. Business and Community Partnerships (3)

Prerequisite: FCSC 2000. A study of academic integration and workplace applications to prepare students to successfully manage individual, family, work, and community roles essential for effective community partnerships. Classroom instruction will emphasize cooperative planning with local agencies, businesses and industries for training related to occupational family and consumer sciences areas. Portfolio required.

FCSC 4110. Curriculum and Program Planning (3)

An application of principles of curriculum development in instructional planning. Needs of individual learners are met through the use of a variety of methods, strategies and techniques, including simulated teaching, which enables students to master teacher competencies.

FCSC 4120. History and Philosophy of Career and Technical Education (3)

An in-depth study of the history, foundation, organization and philosophy of the work force development process at the middle grade level.

FCSC 4130. Organization, Techniques and Materials for Middle Grade Programs (3)

A study of curricula methodologies resources, and facilities for teaching middle grades.

FCSC 4200. Family and Social Systems (3)

Family and social systems theories, research, and application to marriage and family settings. An ecological, bi-directional view of individuals, families and communities is presented.

FCSC 4500. Consumer Finance (3)

An analysis of basic economic principles which influence decisions involving individual and family finances, with emphasis on purchasing practices and helping consumers make sound financial decisions affecting their future.

FCSC 4620. Practicum in Human Development (3)

Prerequisite: FCSC 2810, 2900, 3210, 3610. The practical application of theory related to working with children, individuals and groups in diverse cultural contexts.

FCSC 4730. Administration and Supervision of Human Development Programs (3) (renumbered from HECO 4720)

Management and leadership principles as they apply to the administration of human development programs. Supervisory techniques, job descriptions, data analyses, record keeping, budget management, and program evaluation are emphasized.

FCSC 4750. Special Problems (3)

Prerequisite: Junior/Senior status and permission of the instructor. An in-depth study of critical issues and problems in Human Sciences. This course may be taken up to three times for credit each time.

FCSC 4810. Perspectives on Teaching Exceptionalities and Diverse Learners (3)

Prerequisites: FCSC 2900, and 3000. A study of selected differences which affect learning within individuals, families, and multi-cultural groups. Strategies for working with disadvantaged, special needs individuals and diverse learners are primary focus.

FCSC 4900. Senior Seminar in Human Sciences (2)

Prerequisite: Senior status in the program of study. A capstone course for family and consumer sciences majors.

FCSC 4920. Parent Education (3)

Co-requisite: FCSC 4200; consent of the instructor. Emphasis will be placed upon promoting cooperative relationships among children, educators, and community personnel to enhance child's growth and development.

FCSC 4930. Reading and Research in Early Childhood (3)

Prerequisites: FCSC 2810, 2900, 2910, 3620 and 3630. An introduction to educational research including quantitative and qualitative approaches. Requirements include reading and critiquing

research studies which utilize various methodologies.

FCSC 4940. Families, Professionals and Communities: Teaming and Collaboration (3)

Co-requisites: FCSC 4200. Examines the functions of teams in early childhood as well as the roles of a variety of professionals in assessment, intervention and agency coordination. This course explores the models of the team process, the coordination of responsive services for families, and various models of consultation.

FCSC 4941. Practicum with Families (1)

Co-requisites: FCSC 4940. An opportunity to link knowledge and skills through experience working with families or the agencies serving families. A weekly seminar connecting theory and concepts from FCSC 4940 to real life settings, competency based assignments, and reflection on individual's experiences.

FCSC 4990. Directed Teaching in Birth Through Kindergarten (12)

Prerequisites: all courses in the major. A full semester, 300 hour, supervised placement working with children between the ages of birth and kindergarten. Provides students with an opportunity to practice newly acquired skills in settings in which they can be observed and coached by selected licensed teachers.

FOOD 2200. Introduction to Human Nutrition (3)

An introduction to the nutrients essential to human life and well being. A study of the nature of dietary nutrients, their functions in the body and food sources.

FOOD 2210 Sanitation and Safety (2)

An application of "The Sanitation Risk Management Program" (SRM) and the "Hazard Analysis Critical Control Points" (HACCP) concepts to ensure hygienic and safety practices in food processing, preparations, packaging, storage and other hospitality services.

FOOD 2300. Nutrition and Health Promotion (3)

A consumer course in nutrition designed to help students understand the impact of nutrition on complete well-being and optimal health.

FOOD 2310. Food Selection, Preparation and Meal Management (3)

Prerequisite: FOOD 2200 or 2300, FOOD 2210. The scientific principles of food preparation with emphasis on standards of selection, purchasing, preparation, storage and preservation; includes management principles essential to menu planning, food preparation, and meal service and evaluation. Laboratory required.

FOOD 2320. Intermediate Nutrition (3)

Prerequisites: FOOD 2200; BIOL 1620; Co-requisite: CHEM 1200. An in-depth study of the nutrients in terms of their classification, functions, food sources, physiological and biochemical basis for nutrient requirements, dietary standards, nutrient quality interrelationships.

FOOD 2340. Intermediate Meal Management (4)

Prerequisites: FOOD 2200, 2310. The principles essential to menu planning, production and management. Laboratory required.

FOOD 3200. Sanitation and Safety (2)

An application of "The Sanitation Risk Management Program" (SRM) and the "Hazard Analysis Critical Control Points" (HACCP) concepts to ensure hygienic and safety practices in food processing, preparations, packaging, storage and other hospitality services.

FOOD 3210 Clinical Assessment and Counseling (2)

Prerequisites: FOOD 2200, 2320. This course is designed to integrate the biochemical and physiological processes in the assessment of the nutritional status of individuals and groups. This course combines classroom and field experiences to develop nutrition assessment knowledge and skills.

FOOD 3410. Food Science and Experimental Foods (3)

Prerequisites: FOOD 2200, 2310. A study of the physical and chemical structure of food and the effects of processing and preparation on properties. Basic skills in scientific report writing and research methods with food products are studied.

FOOD 3510. Institutional and Quantity Food Purchasing (3)

Prerequisite: FOOD 2310. An introduction to food purchasing for institutional and business enterprises. Quality control, marketing, bidding practices used in industry, and governmental regulations will be emphasized.

FOOD 3520. Institutional Management and Organization (3)

Prerequisites: FOOD 2310, 3510. The principles of organization and management of food service operations, including analysis of selected administrative problems. Organizational structure, behavior and group dynamics are explored. Field trips to local food service establishments and a portfolio are required.

FOOD 4210. Applied Nutrition (3)

Prerequisites: FOOD 2320, 3210; BIOL 1620. An overview of the application of nutritional principles including: malnutrition, life cycle, nutrient megadoses, fiber, exercise, weight control, and food fads. Written reports and project required.

FOOD 4500 Nutritional Biochemistry (4)

Prerequisites: FOOD 2320, 4210; BIOL 1610, 1620; CHEM 1110, 1200, 3100 CO-requisites: FOOD 4630, 4660. A study of the principles of Biochemistry as it relates to human nutrition. Students will explore the role of nutrients in carbohydrate, lipid, and protein digestion and metabolism. Particular emphasis will be placed on the function of nutrients as defined by their chemistry and interrelationships between nutrient functions and diseases. Students will review and discuss recent journal articles related to the major nutrient classes. Students will also explore recent issues in the basic sciences related to nutrition and nutrient function.

FOOD 4600. Clinical Nutrition I (3)

Prerequisites: FOOD 2320, 3210, 4210, CHEM 3100. An introduction to patients and clients. Medical foods and supplements, disease classification and symptoms, and development of suitable dietary plans for the nutritional support of individuals with certain pathological conditions are studied.

FOOD 4620 Selected Topics in Nutrition (2)

Prerequisites: FOOD 3510, 3520. Co-requisite FOOD 4600. This course will address basic mathematical skills and computation techniques in foods and nutrition as well as prepare students for competency examination, and proficiency in presentation skills. Students will be required to research and present current topics in foods and nutrition including topics in alternative medical nutrition therapy.

FOOD 4630. Clinical Nutrition II (3)

Continuation of FOOD 4600, Clinical Nutrition I. This course covers the classification, symptoms and nutritional management of patients with major disease conditions including diseases of the urinary tract, diabetes, cardiovascular system, and eating disorders.

FOOD 4640. Nutrition and Later Maturity (3)

An examination of nutrition and aging. Course is primarily concerned with the biological aspects of aging, food habits, nutritional requirements, meal planning and community resources available to the elderly.

FOOD 4660. Clinical Nutrition Practicum (2)

Co-requisite: FOOD 4630. The field experience is meant to strengthen learning activities in clinical nutrition for students in dietetics. Time will be spent in observation, information interpretation, developing and evaluating diet, preparing reports, nutritional assessment and learning about the dietetic profession.

FOOD 4670. Nutrition Education (2)

Prerequisites: FOOD 2200 or 2300, or with consent of the instructor. A survey of the philosophy, principles and methods of nutrition education. Discussions include reliable sources of nutrition information, tools and skills used in conducting nutrition programs, and various aspects of nutrition surveillance, nutrition care and promotion. Portfolio required.

FOOD 4671. Community Nutrition (2)

Prerequisites: FOOD 2200 or 2300,-3210, 4210, 4670 (may be taken concurrently). A presentation on the elements that affect nutritional health and well-being of people as they relate to or as they are affected by the community. Topics include food and society, nutritional assessment of the community, and nutrition programs sponsored by governments, industry and the community.

FOOD 4700. Quantity Food Production and Service (3)

Prerequisites FOOD 2310, 3520. An application of principles of quantity food service. Production, scheduling, equipment operation, labor cost control and service procedures for quality foods prepared in quantity are included. Field experience required. (Two lecture and two laboratory hours per week.)

FOOD 4710. Food Service Management Practicum (3-6)

Prerequisites: FOOD 3510, 3520; Co-requisite: 4700. A supervised practicum required of all food service management students at senior level.

FOOD 4800. Food Service Planning: Layout and Equipment (3)

Prerequisite: Consent of the instructor. The scientific principles of layout and design of food service facilities. System components of electrical, refrigeration, equipment and space allocations are explained as they relate to systematic design and layout principles.

Physical Education and Recreation

Virginia Politano, *Chairperson*
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The Department of Physical Education and Recreation offers courses leading to both bachelor and masters degrees in physical education and in recreation and the bachelor degree in Athletic Training Education.

The physical education program is designed to provide students/candidates with:

- Professional and pedagogical knowledge, skills, and dispositions required for teacher licensure in k-12 physical education;
- Preparation for graduate study in physical education or related professions (physical therapy, exercise physiology, etc.);
- Knowledge and skills required to pass the Board of Certification exam;
- Skills for planning and implementing quality physical activity programs in community agencies and
- Skills for preparing and implementing recreational and leisure services in community and private agencies.

The major outcomes of the Physical Education program are to provide opportunities for students/candidates to develop:

1. Understanding of the scientific and philosophical bases of physical education;
2. Skills in assessing and analyzing human movement and performance;
3. Ability to perform a wide range of motor and sports skills;
4. Skills in applying principles of learning and utilizing materials and equipment (including technology) specific to the field in the teaching/learning process;
5. Skills in planning, organizing, supervising, evaluating, and interpreting various aspects of a quality physical education program;
6. Knowledge, skills and dispositions in applying research-based concepts of personal, school, and community health; and

7. Knowledge, skills and dispositions in applying research-based concepts and principles to the teaching/learning process when working with diverse populations in physical education.

The Park, Recreation, and Leisure Studies Administration Program is designed to prepare students for direct and supervisory leadership positions in recreation and leisure service organizations and graduate study in recreation administration/management work experiences, including practicum and internships, work with public, semi-public and private organizations at the local, state, district, national, or international levels. Settings can include community/governmental, voluntary/nonprofit, commercial, private membership, armed forces, employee, campus and therapeutic recreation. The parks, recreation, and leisure studies administration program includes study in administration and management, finance, human resources, marketing, risk management, and computers. The course of study provides students with the prerequisite knowledge necessary to pass the National Recreation and Parks Association Certified Parks and Recreational Professional Examination, and the National Council on Therapeutic Recreation Certified Therapeutic Recreation Specialist Examination.

PHYSICAL EDUCATION

A student majoring in Physical Education must complete one of the programs within physical education: the K-12 teacher education program, the general physical education program or athletic training.

The Physical Education Teacher Education (PEDU) concentrations are:

- Health Promotion and Wellness
- English
- History
- Psychology
- Sociology

The General Physical Education concentrations are:

- Fitness and Wellness

- Exercise and Sport Science

These concentrations share a core of required courses in physical education.

RECREATION

A student majoring in Recreation must complete one of the concentrations within the recreational administration program. The recreational program concentrations are:

- Parks and Recreation Management
- Recreational Sport Management
- Therapeutic Recreation

These concentrations share a core of required courses in Recreation. Founded in 1949, the recreation program is currently the only NRPA accredited HBCU with a graduate program.

ATHLETIC TRAINING

Students majoring in Athletic Training must first declare their major as Physical Education. Students then must apply to the Athletic Training Education Program in the fall of their sophomore year. Upon acceptance into the Athletic Training Education Program, students will change their major to Athletic Training. The athletic training education program has a selective admissions process; a student may meet all of the requirements and not be selected into the program based on the program capacity.

A physical fitness course, PEDU 1541, offered in the Physical Education and Recreation Department is required of all NCCU students. The physical fitness course will count within the required hours for the concentration in health promotion and wellness in the physical education teacher education program only.

All physical education and recreation students must pass a proficiency exam in beginning swimming and intermediate swimming (or take courses). Students majoring in teacher education must earn a 2.5 grade point average (GPA) in order to be admitted to the Teacher Education Program. Students within

general physical education must attain a 3.0 or better grade

point average in order to be admitted into professional or graduate school. Students who want to major in Athletic Training must have a grade point average of 2.5 to be admitted into the program. A grade point average of 2.0 or higher in the recreation administration program is required for graduation. All students must have a 2.0 or higher to graduate from the University.

Course Requirements of the Bachelor of Science in Physical Education

Physical Education Program: Teacher Education Licensure Program

The Physical Education Teacher Education program is accredited by the National Council for the Accreditation of Teacher Education (NCATE) and the North Carolina Department of Public Instruction (NCDPI).

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 hours must be completed at NCCU.
2. Freshmen and sophomore years: complete the General Education Curriculum as detailed on the four-year course of study with a minimum grade of "C" in the ENG 1110, 1210, and 1250. Placement test scores may require enrollment in lower level courses in English, Math, Reading, and Foreign Language. The lower level courses must be passed prior to enrollment in the General Education Curriculum courses listed on the four-year course of study.
3. Complete the following Physical Education Program requirements:

Non-departmental requirements:
BIOL 1300, 1610; HEDU 3300, 3420, 3200

Departmental requirements:
PEDU 1541, 2000, 2085, 2100, 2460, 3000, 3500, 4030, 4110, 4120, 4500; PEDU 2095, 3100, 3740, 3750, 3760, 4400, 4450, 4600; DANC 4500

Professional Education requirements:

EDU 2600, 2800, 3000, 3010, 3030, 3150, 4121, 4221

4. Meet the Teacher Education Council (TEC) requirements for admission to the Teacher Education Program:
 - Pass the Praxis I Pre-Professional Skills Test
 - Achieve a minimum grade point average of 2.5
 - Complete the General Education Curriculum with a minimum grade of "C" in ENG1110, 1210, and 1250
5. Teacher Education candidates may not enroll in restricted courses prior to admission to the Teacher Education Program in accordance with NCDPI policy. Those courses include the following: EDU 3150; PEDU 4400; PEDU 4500 and 4600.
6. Complete the concentration in Health and Physical Education Licensure
7. Repeat "D" or "F" grade in all major and minor courses.
8. Demonstrate proficiency in intermediate swimming.

General Physical Education Program: Fitness and Wellness Concentration

1. Complete a maximum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum required by the university as detailed on the four-year course of study.
3. Complete the Physical Education Program requirements:
 - Departmental requirements: PEDU 1080, 1130, 2000, 2010, 2070, 2080, 2200, 3000, 3500, 3550, 3900, 4030, 4050, 4110, 4130, 4270, 4410, 4500, 4640, PEDU elective; RECR 4100, 4270, 4610, 4900
 - Non-department requirements: BIOL 1300, 1610, 1620; PSY 2100; FOOD 2300

4. Repeat "D" or "F" grade in all major and minor courses.

5. Demonstrate proficiency in intermediate swimming.

General Physical Education Program: Exercise Sport Science Concentration

This concentration prepares students for professional schools in physical therapy, exercise physiology and other related fields. A 3.0 or higher GPA must be attained for admission to professional school.

1. Complete a maximum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete General Education Curriculum required by the university as detailed on the four-year course of study.
3. Complete the Physical Education Program requirements:
 - Non-department requirements: BIOL 1300, 1610, 1620, BIOL elective; CHEM 1100, 1200; PHYS 2110, 2120; FOOD 2200 or 2300; PSY 2100, 3100, 3310
 - Departmental requirements: PEDU 2000, 2010, 2200, 2250, 2200, 3000, 3500, 3550, 4110, 4120, 4130, 4050, 4500, 4410, 4640,
4. Repeat "D" or "F" grade in all major and minor courses.
5. Demonstrate proficiency in intermediate swimming.

ATHLETIC TRAINING EDUCATION PROGRAM (ATEP)

The mission of the NCCU Athletic Education Training Program is to prepare students to be professional, proficient and effective individuals in the field of athletic training. This will be accomplished through classroom instruction and clinical experiences in a diverse educational and

cultural environment, which will prepare students for taking the BOC exam. The ATEP is committed to promoting intellectual curiosity, ethical practice, critical thinking and professional responsibility. Successful completion of this program and passing the BOC exam will qualify students to be employed in a variety of collegiate, professional, industrial, clinical and community settings.

Program Goals and Objectives

1. To provide each student with an opportunity to develop skills as specified in the Competencies in Athletic Training for the following areas: risk management and injury prevention, pathology of injury and illness, orthopedic clinical examination and diagnosis, acute care of injury and illness, pharmacology, therapeutic modalities, conditioning and rehabilitative exercise, general medical conditions and disabilities, nutritional aspects of injury and illness, psycho-social intervention and referral, health care administration, and professional development and responsibility.
2. To continue to seek the highest quality in instructional techniques and clinical experiences: to provide all students with the opportunity to develop skills with equipment intensive sports, upper extremity sports, lower extremity sports and in general medical situations.
3. To offer clinical experience opportunities where students can apply the theory of the classroom to clinical practice.
4. To promote ethical conduct by adhering to the NATA Code of Ethics.
5. To expose athletic training students to other professionals in the field of sports medicine.
6. To continue to evaluate the athletic training course work and clinical experiences.
7. To prepare students for the BOC exam.

General ATEP Procedures

1. Freshmen and sophomore years: complete the General Education Curriculum in the Arts & Sciences Program as detailed on the four-year course of study with a minimum grade of "C" in the ENG 1110, 1210, and 1250. Placement test scores may require enrollment in lower level courses in English, Math, Reading, and Foreign Language. The lower level courses must be passed prior to enrollment in the General Education Curriculum courses listed on the four-year course of study.
2. First semester sophomore year: enroll in PEDU 2010, 2250; BIOL 1610; HEDU 4110; HUM 2410
 - Apply to the ATEP with a grade point average of 2.5 or higher.
 - Meet all criteria for admission into the program (See website for most current admission criteria)
<http://www.nccu.edu/academics/sc/socialsciences/physicaleducation/athletictraining/index.cfm>
3. Upon acceptance into the ATEP the student must complete a minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The student must complete the following requirements:
 - Departmental requirements: PEDU 1100, 1130, 2000, 2010, 2070, 2250, 2300, 3301, 3302, 4303, 4304, 3000, 3201, 3202, 3220, 3230, 3240, 4110, 4120, 4130, 4220, 4410, and 4500.
 - Non-departmental requirements: BIOL 1300, 1610, 1620; FOOD 2200; HEDU 1531, 2100, 4110; PHYS 2110 or CHEM 1100; PSY 2100.

ATEP Admission Procedures

In order to be considered for admission to the ATEP, the following criteria must be met:

1. Applicants must be at least a sophomore .

Have completed or be enrolled in BIOL 1610, PEDU 2010, HEDU 4110, and PEDU 2250.

2. Submit a complete application which includes:
 - a. NCCU ATEP Application for Admission
 - b. College transcript indicating the required GPA of 2.5 or higher
 - c. Resume including work experiences
 - d. 3 letters of recommendation
 - e. Athletic Training room observation sheet (minimum 20 hours)
 - f. Signed copy of the ATEP technical standards packet:
 - i. Technical Standards form
 - ii. Completed physical (within 6 months on the required form)
 - iii. Immunization Records (HBV, TB, Varicella)
 - g. Complete an interview
 - h. Signed confidentiality statement
 - i. Copy of current CPR/AED for Professional Rescuer
 - j. Provide a writing sample with professional goals
 - k. Provide a transcript showing proof of pre-requisite courses or courses in progress

Once accepted the student must:

- a. Maintain a minimum 2.5 GPA
 - b. Complete at least 150 clinical hours per semester
 - c. Purchase annual liability insurance
 - d. Provide a \$30 one time fee for uniforms
 - e. Maintain Professional Rescuer CPR /AED and First Aid licensure (\$7-10/year, subject to change)
 - f. Recognize that additional costs associated with transportation may be incurred when participating in clinical education experiences that are located off campus.
7. Applications are accepted November 1 for students who wish to begin the program during the following spring semester. The application process is completed with a formal interview. Athletic training faculty, the department chairperson, athletic training

students and other faculty may serve on the interview committee. The program director will make all final decisions.

8. Students are notified of their status in writing within two weeks, so that they can schedule the appropriate courses for the next semester.
9. The NCCU ATEP is a highly competitive program. Even if all admission requirements are met, admission into the ATEP is NOT guaranteed.
10. Students must commit themselves to a minimum of 5 semesters and a minimum of 150 clinical hours per semester, for the completion of course work and clinical experience.
11. A minimum GPA of 2.5 is required for unconditional acceptance into the ATEP. Conditional admission may be granted with a GPA less than 2.5. Students who do not attain the minimum required 2.5 GPA by the end of summer school of the year of acceptance into the program will be removed from the ATEP.
12. Transfer students are eligible to apply for admittance into the ATEP and are required to meet the aforementioned admission policies. ATEP specific classes and/or clinical hours must have been completed at a CAATE accredited institution to be considered for transfer credit. A transcript and course descriptions must be submit to the NCCU ATEP Director who will make the final decision as to the acceptance of ATEP specific classes. The final 30 hours of a student's degree must be completed at NCCU.
13. Student-athletes are eligible to apply for admittance to the ATEP. It will not be possible to complete the program requirements without full cooperation from the athlete's coaching staff. No exceptions will be made to course sequencing or completion of acceptable clinical experiences. Clinical hours during the athlete's in-season may be deferred to a later semester. The student-athlete will not be permitted to participate in

the clinical site assignment if the respective sport conflicts with the clinical. The student-athlete must note that they may be required to attend additional semesters at NCCU in order to complete their necessary clinical experiences.

14. The ATEP does not discriminate based upon race, color, creed, national origin, religion, sex, age, political affiliation, sexual orientation or disabling condition. The ATEP adheres to the North Carolina Central University equal opportunity/affirmative action/nondiscrimination policy.

Progress Evaluation and Retention Requirements

1. The student's faculty advisor, the ATEP Director, and Clinical Education Coordinator will monitor normal progress toward completion of the required courses and clinical rotations. There will be a personal performance evaluation each semester.
2. Students falling below a 2.5 (cumulative) GPA will be placed on probation for one semester and may be removed from their clinical assignment. The ATS must maintain a 2.50 GPA for one semester to remain in the ATEP and return to the clinical setting.
3. No grade lower than a C will be accepted in any athletic training course and all practical competencies must be passed with a minimum of 80% in order to advance to the next athletic training course.

4. Students must demonstrate, throughout the clinical rotations, a continued improvement and eventual achievement of proficiency mastery as an entry-level athletic trainer.
5. If an athletic training student is unable to complete the minimum of 150 clinical hours, but is able to complete all of the other requirements for the associated clinical class, the ATS will have the opportunity during the following semester to make up the required hours by working with an ACI outside of their normal clinical time.
6. Students must maintain CPR, AED and First Aid licensure throughout the duration of the ATEP.

For the most current ATEP information, please refer to the NCCU website.

Effective January 1, 2004, any student wishing to take the BOC examination must be a graduate of a CAATE accredited ATEP. The NCCU ATEP was the first HBCU in the nation with this prestigious accreditation.

MINOR IN PHYSICAL EDUCATION

Students may choose to minor in physical education by completing a minimum of 21 semester hours in physical education in addition to their major requirements. Students choosing this minor must complete the following: PEDU 2000, 2040, 2250, 3000, 3750 and 3760, 4110, 4450, DANC 4500.

Four-Year Curriculum Plan in Physical Education with Health & Physical Education Licensure

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Composition I	3	*ENG 1210 English Composition II	3
*MATH 1100 or 1210 College Algebra	3	*MATH GEC Requirement	3
*Modern Foreign Language III	3	*HIST 1320 World Societies	3
*HUSC 1521 Dimensions of Learning	2	*BIOL 1300 Molecule & Cell Function	4
*Social Science GEC Requirement	3	*HEDU 1531 Health	2
*PEDU 1541 Fitness	2	+PEDU 2100 Intermediate Swimming	1

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1250 Elements of Speech (SI)	3	FOOD 2300 Nutrition	3
*HUM 2410 or 240 Humanities	3	*HUM GEC Requirement	3
=PEDU 2460 Leadership/Professional	1	=PEDU 3740 Youth Sport	1
=PEDU 3100 Individual & Dual	1	=PEDU 2095 Stunts & Tumbling	1
+PEDU 2000 Introduction to PE (WI)	3	^EDU 2800 Computer Technology	3
+PEDU 3500 Emergency Care	1	=DANC 4500 Methods of Dance	1
*BIOL 1610 Anatomy/Physiology	4	^EDU 2600 Orientation to Teach	3

JUNIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
=PEDU 3750 Team Sports I	1	=PEDU 4400 Methods of Elem. PE	3
+PEDU 3000 Motor Learning	3	=PEDU 4450 Motor Development	3
#HEDU 3200 Communicable Diseases	3	+PEDU 4500 Adapted PE	3
^EDU 3000 Combined Course	3	+PEDU 4110 Kinesiology	3
^EDU 3030 Diversity Pedagogy	3	#HEDU 3420 School Health	3
#HEDU 3300 Human Sexuality	3	=PEDU 3760 Team Sports II	1

SENIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
=PEDU 4600 Methods of Secondary PE	4	^EDU 4121 Methods/Materials in PE	6
+PEDU 4030 Psycho/Social Aspects	3	^EDU 4221 Directed Teaching	6
=PEDU 4800 Independent Study	3		
+PEDU 4120 Exercise Physiology	3		
^EDU 3150 Instructional Planning	3		
=PEDU 2085 Group Exercise Leadership II	1		

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*GEC Required Courses – 44

+Physical Education Teacher Education Required Courses - 21

=Physical Education Core Courses – 19

^Education Required Courses – 27

#Minor Requirements – 13

<Students must take and pass PRAXIS I during the Sophomore year to be admitted to the Teacher Education Program. Students who maintain a minimum 3.0 GPA will be exempt. Students must maintain a 2.5 GPA to stay in the program and for admission to Teacher Education Program. Teacher Education Candidates cannot enroll in restricted courses prior to admission – PEDU 4450, EDU 3150, PEDU 4400, PEDU 4600

>Students must receive a “C” or better in all English, major and minor courses.

(WI) Writing Intensive (SI) Speech Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Physical Education: Exercise Sport Science Concentration

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Composition I	3	*ENG 1210 English Composition II	3
*MATH 1100 College Algebra	3	*MATH 1200	3
*Foreign Language III	3	*HIST 1320 World Societies	3
*HUSC 1521 Dimensions of Learning	2	*BIOL 1300 Molecule & Cell Function	4
*Social Science GEC Requirement	3	*HEDU 1531 Health	2
*PEDU 1541 Fitness	2	+PEDU 2100 Intermediate Swimming	1

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1250 Elements of Speech (SI)	3	*HUM GEC Requirement	2
*HUM 2410 or 2420 Humanities	3	#BIOL 1620 Anatomy/Physiology II	3
=PEDU 2010 Musculoskeletal Anatomy	3	#CHEM 1100 General Chemistry I	4
*BIOL 1610 Anatomy/Physiology I	4	#PSY 2100 General Psychology	3
=PEDU 2250 Intro to Athletic Training	4	+PEDU 2000 Introduction to PE	2

JUNIOR YEAR

+PEDU 4120 Exercise Physiology	3	+PEDU 4110 Kinesiology	3
+PEDU 3000 Motor Learning	3	=PEDU 4130 Fitness Assessment	3
+PEDU 3500 Emergency Care	1	=PEDU 2200 Practicum	1
#PHYS 2110 General Physics I	4	#PHYS 2120 General Physics II	4
#CHEM 1200 General Chemistry II	4	#Psychology 3310	3
#PSY 3100 Abnormal Psychology	3	#BIOL Elective	3

SENIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
+PEDU 4500 Adapted Phys. Ed.	3	=PEDU 4640 Internship	12
#FOOD 2200 Nutrition	3	(with Valid CPR/First Aid licensure)	
+PEDU 4410 Measurement/Evaluation	3		
#MATH 2500, PSY 2400, or EDUC 3700	3		
=PEDU 3550 Physical Activity for Aging	3		

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

* Core Curriculum Courses – 43

+Physical Education Required Courses – 20

=Exercise Sport Sciences Required Courses – 26

#Minor Required Courses – 37

<Prior to enrolling in PEDU 4640, students must have successfully completed all coursework with a GPA of 2.5 or better in all of major and minor courses as well as English and Math courses

>Students must complete PEDU 2000 before enrolling in PEDU 3000 and PEDU 4500; Complete BIOL 1300 and 1610 with a “C” or better before enrolling in PEDU 2010, 2250, 4110, 4120 and 4130. Must complete PEDU 4110 and 4120 before enrolling in PEDU 4130

(SI) Writing Intensive (WI) Speaking Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Physical Education: Fitness and Wellness Concentration

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 Eng Composition I	3	*ENG 1210 Eng Composition II	3
*MATH 1110 College Algebra	3	*MATH 1100	3
*Foreign Language III	3	*HIST 1320 World Societies	3
*HUSC 1521 Dimensions of Learning	2	*BIOL 1300 Molecule & Cell Function	4
*Social Science GEC Requirement	3	*HEDU 1531 Health	2
*PEDU 1541 Fitness	2	+PEDU 2100 Intermediate Swimming	1

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1250 Elements of Speech (SI)	3	*HUM GEC Requirement	3
*HUM 2410 or 2420 Humanities	3	^BIOL 1620 Anatomy/Physiology	3
*BIOL 1610 Anatomy/Physiology I	4	#PEDU 2070 Advanced Weight Training	2
#PEDU 1080 Aerobic Training	2	+PEDU 2000 Introduction to PE (WI)	3
#PEDU 1130 Beginning Weight Training	2	#PEDU 2080 Group Exercise Leadership I	2
#PEDU 2010 Musculoskeletal Anatomy	3	^FOOD 2200 Nutrition	3

JUNIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
+PEDU 4120 Exercise Physiology	3	+PEDU 4110 Kinesiology	3
+PEDU 3000 Motor Learning		=RECR 3900 Facilities Management	3
+PEDU 3500 Emergency Care	1	#PEDU 4450 Fitness Management	3
#PEDU 2200 Practicum in Exercise Science	1	#PEDU 4130 Fitness Assessment	3
^PSY 2100 General Psychology	3	=RECR 4270 Advanced Concept	3
=RECR 4900 Computer Applications	3	=RECR 4610 Finance	3

SENIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
+PEDU 4030 Psycho/Social Aspects	3	#PEDU 4640 Internship	12
+PEDU 4500 Adapted Phys. Ed	3		
+PEDU 4410 Measurement/Evaluation	3		
=RECR 4100 Supervision/Management	3		
#PEDU 3550 Physical Activity for Aging	3		

TOTAL MINIMUM CREDIT HOURS; 124

Distribution of Hours

*Core Curriculum Courses - 44

+Physical Education Required Courses – 23

#Fitness and Wellness Management Required Courses – 33

=Recreation Required Courses – 15

^Minor Required Courses – 9

<Students must maintain a GPA of 2.5 in their major prior to enrolling in PEDU 4640 and must have completed all coursework with a “C” or better. Students will not be allowed to enroll in the course if they have not finished all courses.

>Students must complete PEDU 2000 before enrolling in PEDU 3000, 2010, 4110, 4120 and must complete PEDU 4110 and 4120 before enrolling in PEDU 4130.

(SI) Speaking Intensive (WI) Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Athletic Training Education

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Composition I	3	*ENG 1210 English Composition II	3
*Social Science GEC Requirement	3	*Modern Foreign Language III	3
*MATH 1100	3	*HIST 1320 World Societies	3
*HUSC 1521 Dimensions of Learning	2	*BIOL 1300 Molecule and Cell Function	4
*HEDU 1531 Health	2	*MATH 1200 or 1210	3
*PEDU 1541 Fitness	2		
#PEDU 1100 Beginning Swimming	2		

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
#PEDU 2250 Introduction to AT	4	=BIOL 1620 Anatomy/Physiology II	3
=BIOL 1610 Anatomy/Physiology I	4	#PEDU 3201 Orthopedic Assessment	3
#PEDU 2010 Musculoskeletal Anatomy	3	#PEDU 2300 Practicum I	1
*HUM 2410 Humanities I	3	*HUM GEC Requirement	3
=HEDU 4110 First Aid and Safety	3	+PEDU 2000 Introduction to PE (WI)	3
		+PEDU 1130 Beginning Weight Training	2

JUNIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
#PEDU 3202 Orthopedic Assessment II	3	#PEDU 3220 Admin. Aspects of AT	3
#PEDU 3230 Therapeutic Modalities	4	#PEDU 3240 Therapeutic Exercise	4
+PEDU 3000 Motor Learning	3	#PEDU 3302 Practicum III	1
*ENG 1250 Elements of Speech (SI)	3	=FOOD 2200 Introduction to Nutrition	3
+PSY 2100 General Psychology	3	+PEDU 4110 Kinesiology	3
#PEDU 3301 Practicum II	1	#PEDU 2070 Advanced Weight Training	2

SENIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
#PEDU 4303 Field Experience I	1	#PEDU 4304 Field Experience II	2
#PHYS 2110 or CHEM 1100	4	#PEDU 4220 Seminars in Sports Medicine	3
+PEDU 4120 Exercise Physiology	3	#PEDU 4130 Fitness Assessment	3
=HEDU 2100 Community Health	2	+PEDU 4500 Adapted Physical Education	3
+PEDU 4410 Measurement/Evaluation	3	=RECR 4900 or CIS 1100 Computer App	3

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*Core Curriculum courses – 44

+Physical Education Required Courses – 24

#Athletic Training Required Courses – 43

=Minor Required Courses -13

>Students must be admitted to the Athletic Training Education during the 1st semester of the Sophomore year.

Students must have completed 30 hours with a 2.5 GPA to be admitted.

<Students must have completed or be enrolled in BIOL 1610; PEDU 2010, PEDU 2250 and HEDU 4110 in order to be considered for admission to the program.

(SI) Speaking Intensive (WI) Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

**Four-Year Curriculum Plan in Parks, Recreation, and Leisure Studies (PARK)
Concentration in Recreation Administration (Effective Fall 2009)**

Freshman Year

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Comp I	3	*ENG 1210 English Comp II	3
*Foreign Language Level III	3	*MATH 1110	3
*MATH 1100	3	*SCI GEC Requirement	3/4
*HUSC 1521 Dimensions of Learning	2	+RECR 2120 Leadership in PARK (SI)	3
*PEDU 1541 Fitness	2	=PEDU 1100 Elementary Swimming	2
+RECR 1000 Intro to PARK	3	*HEDU 1531 Health	2

Sophomore Year

Fall Semester	Credits	Spring Semester	Credits
*SCI GEC Requirement	3/4	*HIST 1320 World Societies	3
*HUM Arts & Humanities I or II	3	*HUM GEC Requirement	2/3
+RECR 2250 Non-Clinical applications in RT	3	=PSY 2100 General Psychology	3
=RECR 2190 Intro to Sport Management	3	+RECR 2230 Camping and Outdoor Recreation	3
*SOC GEC Requirement	3	=POLS 2100 Intro to American Government	3
		=PEDU 3500 Emergency Care	1

Junior Year

Fall Semester	Credits	Spring Semester	Credits
=RECR 3100 Org. & Admin of Sport	3	+RECR 3900 Management of PARK Facilities	3
+RECR 3500 Supervision and Mgt in PARK	3	+RECR 3245 Practicum in PARK	3
+RECR 3600 Org & Admin. in PARK (WI)	3	+RECR 4270 Advanced Concepts in PARK	3
+RECR 3800 Research Methods in PARK	3	=PEDU 1050 Elementary Golf	2
=PEDU 3640 Admin & Mgt of Aquatic Prog. & Fac.	3	=RECR Approved Recreation Elective	3
		+RECR 4625 Pre-Internship in PARK	1

Senior Year

Fall Semester	Credits	Spring Semester	Credits
+RECR 4900 Technology App. in PARK	3	+RECR 4150 Programming in PARK	3
=RECR Approved Recreation Elective	3	+RECR 4610 Finance in PARK	3
=RECR Approved Recreation Elective	3	+RECR 4635 Internship in RT>	9
=RECR Approved Recreation Elective	3		
=RECR Approved Recreation Elective	3		

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

* General Education Curriculum Courses - 41

+ Parks, Recreation, and Leisure Studies (PARK) Professional Courses - 49

= Recreation Administration Concentration Required Courses - 34

< Students must apply for admission into the Parks, Recreation, and Leisure Studies Program after the completion of RECR 1000, RECR 2120, RECR 2230, and RECR 2250. Application requires a minimum 2.0 overall GPA with a minimum 2.25 GPA in Parks, Recreation, and Leisure Studies Professional Courses and Two letters of Recommendation.

< All Recreation Administration Concentration electives must be approved by your advisor.

> Students are required to be senior status, have permission of their advisor, and have completed RECR 4625 prior to enrolling in the RECR 4630. Students are not to take other courses when completing the internship course.

(SI) = Speaking Intensive; (WI) = Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

**Four-Year Curriculum Plan in Parks, Recreation, and Leisure Studies (PARK)
Concentration in Recreational Sport Management Business Minor (Effective Fall 2009)**

Freshman Year

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Comp I	3	*ENG 1210 English Comp II	3
*Foreign Language Level III	3	*MATH 1110	3
*MATH 1100	3	*SCI GEC Requirement	3/4
*HUSC 1521 Dimensions of Learning	2	+RECR 2120 Leadership in PARK (SI)	3
*PEDU 1541 Fitness	2	=PEDU 1100 Elementary Swimming	2
+RECR 1000 Intro to PARK	3	*HEDU 1531 Health	2

Sophomore Year

Fall Semester	Credits	Spring Semester	Credits
*SCI GEC Requirement	3/4	*HIST 1320 World Societies	3
*HUM Arts & Humanities I or II	3	*HUM GEC Requirement	2/3
+RECR 2250 Non-Clinical applications in RT	3	*CIS 1100 Fund. Concepts of Comp. Apps.	3
=RECR 2190 Intro to Sport Management	3	+RECR 2230 Camping and Outdoor Recreation	3
*ECON 2200 Principles of Macroeconomics	3	#ACCT 2400 Principles of Accounting	3
		=PEDU 3500 Emergency Care	1

Junior Year

Fall Semester	Credits	Spring Semester	Credits
=RECR 3100 Org. & Admin of Sport	3	+RECR 3900 Management of PARK Facilities	3
+RECR 3500 Supervision and Mgt in PARK	3	= RECR 3245 Practicum in PARK	3
+RECR 3600 Org & Admin. in PARK (WI)	3	+RECR 4270 Advanced Concepts in PARK	3
+RECR 3800 Research Methods in PARK	3	# Business Minor Elective	3
=PEDU 3640 Admin & Mgt of Aquatic Prog. & Fac.	3	# Business Minor Elective	3

Senior Year

Fall Semester	Credits	Spring Semester	Credits
+RECR 4900 Technology App. in PARK	3	+RECR 4150 Programming in PARK	3
# Business Minor Elective	3	+RECR 4610 Finance in PARK	3
# Business Minor Elective	3	+RECR 4635 Internship in RT>	9
+RECR 4625 Pre-Internship in PARK	1		
=PEDU 4030 Psycho-Sociological Aspects of Sport	3		
=RECR Approved Recreation Elective	3		

TOTAL MINIMUM CREDIT HOURS: 125

Distribution of Hours

* General Education Curriculum Courses - 41

+ Parks, Recreation, and Leisure Studies (PARK) Professional Courses - 49

= Recreational Sport Management Concentration Required Courses - 14

Business Minor - 21

< Students must apply for admission into the Parks, Recreation, and Leisure Studies Program after the completion of RECR 1000, RECR 2120, RECR 2230, RECR 2250, and RECR 2900. Application requires a minimum 2.0 overall GPA with a minimum 2.25 GPA in Parks, Recreation, and Leisure Studies Professional Courses and Two letters of Recommendation.

< The Recreational Sport Management Concentration requires a Business Minor. The Business Minor course work is determined by the School of Business. Nine credit hours of GEC also serve as the Business Minor Requirement. These nine hours are completed as additional Recreational Sport Management Concentration Required Courses.

> Students are required to be senior status, have permission of their advisor, and have completed RECR 4625 prior to enrolling in the RECR 4630. Students are not to take other courses when completing the internship course.

(SI) = Speaking Intensive; (WI) = Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

**Four-Year Curriculum Plan in Parks, Recreation, and Leisure Studies (PARK)
Concentration in Recreational Therapy (Effective Fall 2009)**

Freshman Year

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Comp I	3	*ENG 1210 English Comp II	3
*Foreign Language Level III	3	*MATH 1110	3
*MATH 1100	3	*BIOL 1300 Molecule & Cell Function	4
*HUSC 1521 Dimensions of Learning	2	+RECR 2120 Leadership in PARK (SI)	3
*PEDU 1541 Fitness	2	=PEDU 1100 Elementary Swimming	2
+RECR 1000 Intro to PARK	3		

Sophomore Year

Fall Semester	Credits	Spring Semester	Credits
*BIOL 1610 Anatomy/Physiology I	4	*HIST 1320 World Societies	3
*HUM Arts & Humanities I or II	3	*HUM GEC Requirement	2/3
*HEDU 1531 Health	2	=PSY 3100 Abnormal Psychology	3
*PSY 2100 General Psychology	3	+RECR 2230 Camping and Outdoor Recreation	3
+RECR 2250 Non-Clinical applications in RT	3	=PEDU 3500 Emergency Care	1
=RECR Approved Recreation Elective	3	=RECR Approved Recreation Elective	3

Junior Year

Fall Semester	Credits	Spring Semester	Credits
=RECR 3120 Intro to RT	4	+RECR 3900 Management of PARK Facilities	3
+RECR 3245 Practicum in PARK	3	=RECR 4140 Program Design & Eval. in RT	3
+RECR 3500 Supervision and Mgt in PARK	3	+RECR 4270 Advanced Concepts in PARK	3
+RECR 3600 Org & Admin. in PARK (WI)	3	=PEDU 3000 Motor Learning	3
+RECR 3800 Research Methods in PARK	3	=PSY 3310 Human Growth and Development	3

Senior Year

Fall Semester	Credits	Spring Semester	Credits
+RECR 4900 Technology App. in PARK	3	+RECR 4150 Programming in PARK	3
=RECR 4142 Methods and Practices in RT	3	+RECR 4610 Finance in PARK	3
=RECR 4145 Facilitation Techniques in RT	3	+RECR 4635 Internship in RT>	9
+RECR 4625 Pre-Internship in PARK	1		
=RECR Approved Recreation Elective	3		

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

* General Education Curriculum Courses - 42

+ Parks, Recreation, and Leisure Studies (PARK) Professional Courses - 49

= Recreation Therapy (RT) Concentration Required Courses - 33

< Students must apply for admission into the Parks, Recreation, and Leisure Studies Program after the completion of RECR 1000, RECR 2120, RECR 2230, and RECR 2250. Application requires a minimum 2.0 overall GPA with a minimum 2.25 GPA in Parks, Recreation, and Leisure Studies Professional Courses and Two letters of Recommendation.

< Licensure in Recreation Therapy requires the successful completion of Anatomy & Physiology, Abnormal Psychology, and Human Growth and Development.

> Students are required to be senior status, have permission of their advisor, and have completed RECR 4625 prior to enrolling in the RECR 4635. Students are not to take other courses when completing the internship course.

(SI) = Speaking Intensive; (WI) = Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

DANCE COURSE DESCRIPTIONS FOR UNDERGRADUATES

DANC 1010. Elementary Modern Dance (2)
A study of modern dance techniques with attention to the development of modern dance, correct posture and body alignment, dance exercises, warm-up techniques, elements of dance, traditional dance steps, and ideas for creating dances.

DANC 1200. Social Dancing (1)
An overview of the basic fundamentals of social dance, with attention to popular dances during each historical period by decades and their appearance in present day dance movements. Included are the waltz, foxtrot, two-step, cha-cha, mumbo, discotheque, etc.

DANC 2520. Intermediate Modern Dance (2)
Prerequisite: DANC 1010. A continuation of Dance 1010. A review of beginning dance techniques and an introduction to intermediate technique, beginning composition, dance experimentation and pantomime.

DANC 3010. Advanced Modern Dance (2)
Prerequisite: DANC 2520. A continuation of Dance 2520. A review of intermediate technique, an introduction of advanced technique, composition, beginning choreography, and jazz technique.

DANC 4500. Methods and Materials in Folk and Square Dancing in the Secondary Schools (1)
An overview of fundamental skills of folk and square dance with attention to techniques of teaching. Required of all majors.

DANC 4600. Tap and Clog Dance (1)
An overview of basic steps in tap and clog dancing with attention to methods and materials for the beginner.

PHYSICAL EDUCATION COURSE DESCRIPTIONS FOR UNDERGRADUATES

PEDU 1010-1190. A study of the basic principles of lifetime fitness and the fundamentals of a lifetime sports.

PEDU 1010. Archery	(2)
PEDU 1020. Bowling	(2)
PEDU 1030. Jogging	(2)
PEDU 1040. Karate	(2)
PEDU 1050. Elementary Golf	(2)
PEDU 1060. Basketball	(2)
PEDU 1070. Softball	(2)
PEDU 1080. Rhythmic Aerobics/Aerobic Training	(2)
PEDU 1090. Stunts, Tumbling and Trampoline	(2)
PEDU 1100. Elementary Swimming	(2)
PEDU 1110. Tennis	(2)
PEDU 1120. Volleyball/Badminton	(2)
PEDU 1130. Weight Training	(2)
PEDU 1140. Adapted Activities (Individuals w/disabilities)	(2)
PEDU 1150. Tai Chi	(2)
PEDU 1190. Racquetball	(2)
PEDU 1195. Self Defense	(2)
PEDU 1541. Fitness	(2)
PEDU 1140. Adapted Activities	(2)

Prerequisite: Must be referred and cleared for admittance by the Director of Student Support Services. A personalized exercise prescription fitness program only for students who meet state guidelines and university criteria. Specific medical clearance and permission of the instructor is required.

PEDU 1150. Tai Chi (2)

Prerequisite: None. This is a tai Chi course designed for the beginners. Tai Chi history, will be introduced. Students will learn a short form of Tai Chi.

PEDU 1541. Fitness (2)

An introductory course in fitness that offers the latest fitness knowledge based on up-to-date findings in exercise physiology and fitness along with the tools for self-assessment and guidelines for developing a personalized fitness program. CPR licensure is a requirement of the course.

PEDU 2000. Introduction to Physical Education (2)

This course is designed as an introduction to the field of Physical education and related areas of sport and recreation. The historical development, foundations and trends, scope, careers, relative to physical education, sport, and recreation are addressed. This is a writing intensive course.

PEDU 2010. Structure and Function of the Musculoskeletal System (3)

This course provides students with practical applications and functional anatomical strategies of theory associated with human movement/sport rehabilitation.

PEDU 2020. Advanced Bowling (2)

Prerequisite: PEDU 1020, 125 average. An advanced study of the bowling technique and an introduction to the concepts of team bowling, handicap bowling, and league bowling (Lab fee is required).

PEDU 2050. Advanced Golf (2)

Prerequisite: PEDU 1050, handicap of 12 or less. An advanced study of the skill of golf and consideration of concepts related to tournament play.

PEDU 2060. Advanced Motor Skills (2)

An examination of soccer and speed ball technique with emphasis upon methods of teaching skills and strategies.

PEDU 2070. Advanced Weight Training (2)

Prerequisite: PEDU 1130. An advanced study of the principles of weight training regimen including diet, proper supplementation, and flexibility. Designed to give an overview of the principles of training and the proper position techniques.

PEDU 2080 Group Exercise Leadership I (2)

Prerequisites: PEDU 1541, PEDU 1080. The course is designed to teach skills that are required to plan and instruct a group exercise class. Topics covered include class formats, use of music, choreography, cue, monitoring techniques and successful instruction techniques. Students will learn skills by practice teaching sessions and observations/participation and instructor

evaluations. Students will be expected to take and pass the Group Exercise Instructor Certification exam.

PEDU 2085. Group Exercise Leadership II (1)

Prerequisites: PEDU 1541, PEDU 1080. A teacher methods course designed to teach skills that are required to plan and instruct a group exercise class in a public school setting. Topics covered include class formats, use of music, choreography, cue, monitoring techniques and successful instruction techniques. Students will learn skills by practice teaching sessions and observations/participation and instructor evaluations. Students will be expected to take and pass the Group Exercise Instructor Certification exam. (Physical Education Licensure students only).

PEDU 2095. Methods of Stunts & Tumbling (1)

Prerequisite: PEDU major. This course is designed to teach the basic skills of stunts and tumbling. Open to physical education majors only.

PEDU 2100. Intermediate Swimming (1)

Prerequisite: PEDU 1100 or equivalent skill. A study of swimming techniques at Levels 5-7 of the American Red Cross Learn-to-Swim program.

PEDU 2200. Practicum in Exercise Science (1-2)

Prerequisite: PEDU 2000, 2070, 2080, Majors Only. An early field experience in exercise leadership, fitness assessment, and nutritional analysis.

PEDU 2250 Introduction to Athletic Training (4)

Prerequisite: BIOL 1610 or enrolled in BIOL 1610. An introduction to Athletic Training that includes instruction in: basic injury evaluation, emergency and rehabilitative care, wrapping and taping techniques, determination of environmental risk factors, and other topics related to athletic training. A 1-hour lab is required.

PEDU 2300 Practicum I in Athletic Training (1)

Prerequisite: Admission to the Athletic Training Education Program, PEDU 2250. A one-semester athletic training clinical experience and 1-hour weekly lecture. Specific psychomotor competencies include adhesive taping, wrapping,

and bandaging; emergency techniques of splinting and spine boarding, skills associated with administering a pre-participation physical examination and determining environmental risk factors.

PEDU 2460. Professional Development in Physical Education (1)

Prerequisites: None. The course will provide the opportunity to students the opportunity to consult professional literature, colleagues and other resources; conduct research and projects; and participate in other professional activities to develop student professionalism.

PEDU 3000. Motor Learning (3)

Prerequisites: PEDU 2000 or RECR 1000. An analysis of skill acquisition. Primary consideration given to the cognitive and motor processes underlying the learning of motor skills, and factors that influence motor skill learning.

PEDU 3100. Individual Motor Skills in Games (2)

An examination of tennis, archery, badminton, handball, paddle tennis and table tennis with emphasis on techniques of teaching. (Majors Only)

PEDU 3201. Orthopedic & Physical Assessment I (3)

This course provides an advanced study of orthopedic and physical assessment pertaining to injuries and conditions of the lower extremity along with general medical conditions.

PEDU 3202 Orthopedic & Physical Assessment II (3)

This course provides an advanced study of orthopedic and physical assessment pertaining to injuries and conditions of the upper extremity along with general medical conditions.

PEDU 3220. Administrative Aspects in Athletic Training (3)

Prerequisite: Admission to the Athletic Training Program and PEDU 4201. An introductory course to the administration of an athletic training facility. Topics include training room design, budget, personnel, policies/procedures, pre-season physical examinations, insurance procurement, and liability issues.

PEDU 3230 Therapeutic Modalities

(4)

Prerequisite: Admission to the Athletic Training Education Program, PEDU 2250. An introduction to the principles and procedures involved in administration of therapeutic modalities including heat, cold, ultrasound, electricity, mechanical and manual therapies. A 1-hour lab is required.

PEDU 3240 Therapeutic Exercise (4)

Prerequisite: Admission to the Athletic Training Education Program. An introductory course designed to address the principles and procedures of therapeutic exercise and rehabilitation as it relates to the profession of athletic training. A 1-hour lab is required.

PEDU 3300. Gymnastics (2)

An introduction to the nature and scope of the basic skills in gymnastics.

PEDU 3301 Practicum II in Athletic Training (1)

Prerequisite: PEDU 2300, PEDU 2250. A one-semester athletic training clinical experience and a one-hour weekly lecture. Specific psychomotor competencies to be evaluated include injury evaluations of the lower extremity, and various general medical procedures.

PEDU 3302 Practicum III in Athletic Training (1)

Prerequisite: PEDU 3301, PEDU 3230. A one-semester athletic training experience in the athletic training room or clinical setting and a one-hour weekly lecture. Specific psychomotor competencies include upper extremity injury evaluations and modality application.

PEDU 3320. Advanced Gymnastics (2)

Prerequisite: PEDU 3300. An advanced study of techniques in gymnastics.

PEDU 3500. Emergency Care & Safety Techniques (1)

An introduction to the American Red Cross approved skills necessary to respond in an emergency situation requiring first aid and/or CPR.

PEDU 3550. Physical Activity for the Aging (3)

This course is designed to develop the students' knowledge and understanding of concepts relative to physical activity and aging. The course requires the planning, implementation and assessment of an exercise program for the aging. The demographics of aging, theories on the aging process, health promotion for the aging, basic philosophy on exercise and aging, and physical exercise in a variety of areas including dance and aquatics are addressed. Arthritis Foundation (AF) Exercise Program certification is a component of the course.

PEDU 3620. Lifeguarding (3)

Prerequisite: PEDU 2100 or permission of instructor. An introduction to lifeguarding techniques and water safety skills with emphasis on acquiring lifeguarding and water safety techniques required for the American Red Cross Lifeguarding Licensure.

PEDU 3630. Water Safety Instruction (3)

Prerequisite: PEDU 2100 and permission of instructor. An introduction to technique of teaching aquatic skills. Licensure by the American Red Cross as a Water Safety Instructor is available upon completion of the course.

PEDU 3640. Administration and Management of Aquatic Program and Facilities (3)

A study of the operation and maintenance of aquatic facilities for school, municipalities, and other organizations with additional consideration to the organization and administration of aquatic programs.

PEDU 3650. Methods in Adapted Aquatics (3)

An examination of instructional techniques used to teach swimming to individuals with disabilities.

PEDU 3710. Officiating and Judging Individual and Dual Sports (1)

Prerequisite: PEDU 3100. An overview of techniques in officiating aquatics, tennis, gymnastics, wrestling, and golf.

PEDU 3730. Officiating and Judging Team Sports (1)

Prerequisite: PEDU 2060. An overview of techniques in officiating football, basketball, track and field, soccer, and volleyball.

PEDU 3740. Youth Sport/Coaching Certification (1)

Prerequisites: Physical Education students in teaching track. The course is designed to acquaint student candidates in physical education and sports with the qualities and attributes of a good leader in coaching, to positively influence coaching behaviors, and to prepare students for the national coaching certification.

PEDU 3750. Team Sports I (1)

Prerequisites: PEDU 2000, 3100, or permission of instructor. An advanced study of skills and techniques of teaching football, basketball, and soccer. Instructional unit planning for each sport will be required.

PEDU 3760. Team Sports II (1)

Prerequisites: PEDU 2000, 3100, or permission of instructor. An advanced study of skills and techniques of teaching track and field, volleyball, and baseball/softball. Instructional unit planning for each sport will be required.

PEDU 2040. Physical Education Program Organization/Administration (3)

An investigation of practices and problems of organization and administration of instructional and extra-curricular programs in physical education, with attention to curriculum design and development for grades one through twelve.

PEDU 4030. Psycho-Socio Aspects of Physical Activity and Leisure (3)

Prerequisites: PEDU 2000, RECR 1000 or consent of instructor. A study of psychological and sociological factors that affect participation and behavior in physical activity and leisure.

PEDU 4050. Fitness Management (3)

A study of the various theories, concepts, principles, and practices of management which may be applied in organizations whose primary objective is to provide athletic and/or fitness related activities, products, or services.

PEDU 4110. Kinesiology (3)

Prerequisites: BIOL 1300, 1610. An investigative analysis of human motion and application of anatomical, physiological, and mechanical principles to prescription for improving performance of motor skills.

PEDU 4120. Physiology of Exercise (3)

Prerequisites: BIOL 1300, 1610. An examination of the basic metabolic processes as they occur at rest and during exercise, with emphasis on the dynamics of muscular contraction and circulation, the relationship of nutrition to physical performance, and the affect of hot, cold, altitude and water environments upon performance.

PEDU 4130. Fitness Assessment & Exercise Prescription (3)

Prerequisites: PEDU 4110, 4120, BIOL 1610 & 1620. A study of methods and procedures in physiological assessment of human fitness, exercise prescription and exercise leadership. Topics related to exercise for the aging will also be discussed.

PEDU 4220. Seminars in Sports Medicine (3)

Prerequisites: Admission to the Athletic Training Program, PEDU 4201, 3220, 3230, & 3240. This course is designed to address a variety of current issues and technical advancements in sports medicine. Guest speakers from various backgrounds and experiences will comprise the bulk of the lecture presentation.

PEDU 4303 Field Experience I (1)

Prerequisite: PEDU 3302, PEDU 3240. A one semester athletic training clinical experience in a physical therapy/sports medicine, high school, college or professional setting under the direct supervision of a certified athletic trainer and a 1-hour weekly lecture. Psychomotor competencies include advanced rehabilitative techniques and biomechanical analysis.

PEDU 4304 Field Experience II (2)

Prerequisite: PEDU 4303. A one semester athletic training clinical experience in a physical therapy/sports medicine, high school, college or professional setting under the direct supervision of a certified athletic trainer and a one-hour weekly lecture. Psychomotor competencies

include scenarios to tie together skills learned throughout the ATEP.

PEDU 4400. Methods and Materials for Teaching Elementary Physical Education (2)

Prerequisites: PEDU 3750, 3760, 4020, Admission to TEP. An interdisciplinary course examining methods/materials of teaching elementary school physical education. Movement education concepts and game approach, observation and analysis, and journal writing during early clinical experience.

PEDU 4410. Evaluation and Measurement (3)

Prerequisites: PEDU 2000, RECR 1000, & 3100. An introduction to cognitive, affective, and motor measurement; evaluation principles and practices, with emphasis on general motor ability, physical fitness, sports skills and elementary statistics.

PEDU 4450. Motor Development (3)

Prerequisites: PEDU 2000, 3000 or consent of instructor. The study of the changes in motor behavior over the lifespan, the processes that underlie these changes and the factors that affect them.

PEDU 4500. Adapted Physical Education (3)

Prerequisites: BIOL 1610, 1620; and PEDU 3000. A study of comprehensive and up-to-date information regarding physical activities for individuals with disabilities, with emphasis on current legislation and IEP development and assessment, physical education for infants and toddlers, and programming. A laboratory experience is required for this course.

PEDU 4510. American Sign Language for Beginners (3)

An introductory course in American Sign Language and other manual communication skills.

PEDU 4600. Methods and Material in Secondary Physical Education (3)

Prerequisites: PEDU 3750, 3760, 4020, Admission to TEP. Lecture/laboratory experiences designed for teacher licensure majors to demonstrate both knowledge and skill in their teaching and learning theory. The study of various methods will include planning, management, feedback and analysis,

and assessment and evaluation of the teaching-learning process.

PEDU 4640. Internship in Exercise Science (12)
Prerequisite: Completion of all course work in physical education. An entry level practical experience of contractual agreement between the University supervisor, site supervisor, and the student internist. Provides for 400 hours or a minimum of 12 weeks of a Practicum in a clinical setting of an allied prevention health care facility.

PEDU 4710. Coaching Theory (1)
Prerequisites: PEDU 2060 & 3100. An examination of the critical concerns influencing athletic organizations, their administration and theoretical parameters which impact the behavior and performance of coaches, with emphasis on applying educationally sound techniques of coaching in laboratory experiences.

PEDU 4800. Independent Study in Physical Education (3)
Prerequisite: Consent of instructor. Independent reading and research for upper level undergraduate student physical education and recreation majors under faculty supervision. This is an opportunity for advanced study in a special area in physical education and/or recreation.

PARKS, RECREATION AND LEISURE STUDIES ADMINISTRATION

The Park, Recreation and Leisure Studies Administration Program is nationally accredited by the National Recreation and Park Association. The program is focused on three professional areas of study; Recreation Management, Therapeutic Recreation, and Sports Management. The Recreation Program is dedicated to sustaining and improving the social, environmental, economic, and cultural well-being of our local and global communities through education, research and service. The curriculum is designed to prepare students for supervision and management in recreation and parks, therapeutic recreation, sports management, and graduate study in recreation. Students receive professional preparation enabling them to work in a variety of recreational settings including

community/governmental, voluntary/nonprofit, commercial, private-membership, armed forces, employee, campus and therapeutic recreation, high school, collegiate and professional sports as well as pursue graduate studies.

COURSE REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN PARKS, RECREATION AND LEISURE STUDIES ADMINISTRATION PROGRAM

Park, Recreation and Leisure Studies Administration Program: Management Concentration

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.3. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years: Complete the General Education Curriculum required by the university.
3. Complete the following core Parks, Recreation and Leisure Studies Administration Program requirements:
 - Major requirements: RECR 1000, 2120(SI), 3100, 3120, 2230, 3245, 2250, 3900, 3500, 4150, 4270, 3600(WI), 3800, 4610, 4630, & 4900
 - Department requirements: PEDU 1100, 3500, 3640, 4030; Non-department requirements: PSY 3310 or EDUC 3100
 - Recreation and Park Management requirements: PEDU 1050; POLS 2100; PSY 2100; PADM 2400
 - Complete ten (10) credit hours of approved electives (approved by advisor)
4. A grade of "C" is required for all major courses. Repeat all "D" or "F" grades in major courses.

Parks, Recreation Administration and Leisure Studies Program: Therapeutic Recreation Concentration

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.3

or higher. The last 30 hours must be completed at NCCU.

2. Freshman and sophomore years: complete the General Education Curriculum Program as detailed in the four-year course of study with a minimum grade of "C" in ENG 1110, 1210, and 1250. Placement test scores may require enrollment in lower level courses in English, Math, Reading, and Foreign Language. The lower level courses must be passed prior to enrollment in the General Education Curriculum courses and will not count toward graduation credit hours.

3. Complete the following Recreation Administration Program requirements:

- Major requirements: RECR 1000, 2120(SI), 3100, 3120, 2230, 3245, 2250, 3800, 3900
- 3500, 4140, 4145, 4150, 4270, 3600(WI), 4610, 4635, 4900
- Department requirements: PEDU 1100, 3000, 3500, 3640, 4500;
- Non-department requirements: PSY 3310 or EDU 3010;

4. A grade of "C" is required for all major courses. Repeat all "D" or "F" grades in major courses.

Parks, Recreation and Leisure Studies

Administration Program:

Recreation Sports Management Concentration

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.3 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum courses required by the university.
3. Complete the following Recreation Administration Program requirements:
 - Major requirements: RECR 1000, 2120(SI), 2190, 3100, 3120, 2230, 3245, 2250, 3800, 3900, 3500, 4150, 4270, 3600(WI) 4610, 4630, & 4900

- Department requirements: PEDU 1100, 3500, 3640, 4030, 4050
- Non-department requirements: PSY 3310 or EDU 3010

4. Students in the Recreational Sport Management Concentration are required to obtain a Business Minor. Business requirements: CIS 1100; ECON 2200, and ACCT 2400; Required Electives: 12 Hours from following courses: ACCT 2500, 3100, DSC 2010, ECON 2300, FIN 3200, MKT 3210, MGT 1100, 2100, 3100, 3000.

5. A grade of "C" is required for all major courses. Repeat all "D" or "F" grades in major courses.

MINOR IN PARKS, RECREATION AND LEISURE STUDIES ADMINISTRATION PROGRAM

Students may choose to minor in recreation by completing a minimum of 21 semester hours in recreation in addition to their major requirements. Complete the following Recreation Administration courses: RECR 1000, 2120(SI), 3245, 2250, 3500, 4270 & 3600(WI).

RECREATION COURSE DESCRIPTION FOR UNDERGRADUATES

RECR 1000. Introduction to Recreation and Leisure Studies (3)

An introduction to the parks and recreation field, with emphasis upon understanding the conceptual foundations of play, recreation, and leisure for all populations and settings. An overview of career opportunities in the profession, and professional organizations and agencies providing leisure services.

RECR 2000. Recreation and Leisure in Modern Society (3)

An introduction to the parks and recreation field with emphasis upon understanding the conceptual foundations of play, recreation and leisure for all populations and settings.

RECR 2120. Recreation Leadership (3)

Prerequisite: RECR 1000. An analysis of activities, techniques, principles, and practices of leadership in recreation, park resources, & leisure service agencies; process of activity leadership in conjunction with development of skills and knowledge in activity areas.

RECR 2190. Introduction to Sport Management (3) Prerequisites: RECR 1000. This course provides an introduction to the field of sport management. This course will provide an introduction to concepts and practices of effective sport management at the professional, athletic and recreational levels. Topics include; overview of sport and sport management, social and behavioral dimensions of sport, business aspects of sport, issues and trends, professionalism, and an overview of career fields in the sport industry and related issues.

RECR 2230 - Camping and Outdoor Recreation (3) An examination of the leadership and supervision of counselors in camping and in outdoor recreation settings, with emphasis on camp administration and operation. A study of the interrelationship between leisure behavior and the natural environment and of environmental ethics and its relationship to leisure behavior.

RECR 2250 - Non-Clinical Application of Recreation Therapy (3) A review of conceptual cornerstone and current practices in recreation service delivery systems to consumers with disabilities. Examines the nature and etiology of varied physically disabling conditions, programming standards, and strategies for inclusion.

RECR 2500. Special Topics in Physical Education, Sport and Recreation (1-3)

Examines current issues in physical education, sport and recreation agencies, facilities and settings. Topics may vary with the instructor. This course may be repeated for credit if topic differs.

RECR 3100. Organization and Administration of Competitive Sports (3)

Prerequisites: RECR 1000 & 2120. An introduction to the organization and administration of informal, intramural, extramural and club sports competitions, with emphasis upon tournament design, personnel training and management, sport facility development, public and human relations, legal liability, and marketing techniques.

RECR 3120. Introduction to Therapeutic Recreation (3)

Prerequisite: RECR 1000. A survey of key concepts and operational definitions; theoretical constructs; therapeutic recreation processes and models; etiology of illness and disability conditions; medical and psychiatric terminology. This course is three lecture hours with two laboratory hours per week.

RECR 3245. Practicum in Parks and Recreation (3) Prerequisites: RECR 1000, 2120, 3100, & 3120. A study of professional practice. Designed to provide directed Practicum experiences in a park and recreation agency under the supervision of a faculty advisor and an approved agency supervisor. Opportunities provided for students to develop knowledge, values, and initial practice skills appropriate for entry-level practice in park and recreation agencies.

RECR 3500 - Supervision & Management Parks, Recreation/Sports & Leisure Service Agencies (3) Prerequisites: RECR 1000, 2120, plus three additional semester hours in the park and recreation curriculum. Demonstration of knowledge and skills required in human resources management in park, recreation, sport, and leisure services management. An analysis of organizational needs, job designs, recruitment, diversity, professional competence, performance appraisal, disciplinary and grievance procedures.

RECR 3600 - Organization and Administration of Parks, Recreation/Sports and Leisure Service Agencies (3)

Prerequisites: RECR 1000, 2120, plus three additional semester hours in the park and recreation curriculum. The course will expose students to management theory, principles, administrative processes and functions with emphasis upon ethical practices and management

procedures. The course includes the examination of the roles, interrelationships, and uses of diverse leisure delivery systems to promote community development.

RECR 3900. Management of Exercise, Sport, and Recreation Facilities (3)

Prerequisites: RECR 1000, 2120, & 3120. A study of the principles and practices of operating parks and recreation service delivery areas. Emphasis placed on management of playgrounds, community centers, swimming pools, sports centers, and other related facilities with particular attention to the role of the parks and/or recreation supervisor.

RECR 4140. Program Design and Evaluation in Therapeutic Recreation (3)

Prerequisites: RECR 3120 or consent of the instructor. A study of philosophical concepts underlying therapeutic recreation service along a continuum of care. System designed for evaluation of habilitation/rehabilitation programs using systems terminology. Activity and task analysis assessment, documentation in therapeutic recreation, and summative and formative evaluation concerns are addressed.

RECR 4145 Facilitation Techniques in Therapeutic Recreation (3)

Analysis of therapeutic recreation/recreation therapy facilitation techniques currently utilized by practicing TR professionals in myriad settings with emphasis on leisure education processes and leisure counseling techniques.

RECR 4150. Recreation and Leisure Services Programming (3)

Prerequisites: RECR 1000, 3245, and 4100. An analysis of concepts and principles of recreation and leisure services program development, with attention to examination of recreation activity taxonomies, methods of assessing needs, the process of program planning, and developments, evaluation, and promotion of a master program plan. This course includes a one hour lab.

RECR 4270. Advanced Concepts in Recreation and Leisure Studies (3)

Prerequisite: RECR 1000. A study and critical analysis of selected theories and concepts which

influence the development of leisure behavior and the delivery of recreation services. Analysis of pertinent research, including understanding the research process.

RECR 4600. Organization and Administration of Park, Recreation & Leisure Service Agencies (3)

Prerequisites: RECR 1000, 2120, 4100, or consent of instructor. A study of administrative processes, the internal organization of the recreation/park department board and executive relationships, legal foundations and legal liability considerations, risk management components, public relations, and marketing from the administration perspective.

RECR 4610. Finance in Parks, Recreation and Leisure Service Agencies (3)

Prerequisites: RECR 1000, 4100, 4610, or consent of instructor. A study of recreation and park fiscal administration; sources of finance for operating and capital expenditures; revenue producing activities; financial planning, budgeting, expenditure policies and procedures, auditing process and planning for recreation and leisure services.

RECR 4630. Internship in Parks and Recreation (9)

Prerequisite: Permission by faculty advisor or recreation faculty. An examination of professional practice. Designed to individually assign the student to a ten to twelve week program in an approved public, private, or health care agency. Internship consists of a full-time placement for a minimum of 400 clock hours. (Senior status required; 18 semester hours in the park and recreation curriculum.

RECR4635 - Internship in Recreational Therapy (9)

Prerequisite: RECR 4625 pre-internship and permission by faculty advisor or recreation faculty. Students will apply classroom learning to the practice of Recreational Therapy. Interns will be exposed to components of the National Council for Therapeutic Recreation Certification Job Analysis Task Areas. Interns must complete 12 or more consecutive weeks of full-time engagement with a minimum of 480 logged.

RECR 4800. Independent Study in Recreation
(3)

Prerequisite: Consent of instructor. Independent reading and research for upper level undergraduate student physical education and recreation majors under faculty supervision. This is an opportunity for advanced study in a special area in physical education and/or recreation.

RECR 4900. Computer Applications in Physical
Education & Recreation (3)

Prerequisites: RECR 1000 or PEDU 2000.

Exploration and examination of computer applications relevant to recreation and physical education. Emphasis will be placed on a “hands-on” approach exploring how various software, hardware, information structure and network applications can be used in recreation and physical education settings.

Political Science

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The Department of Political Science prepares students for:

- the legal profession
- government service
- media/journalism
- the private sector
- non-profit employment
- graduate school
- foreign service
- teaching
- civic engagement

The curriculum includes courses in American government and politics, international affairs, political theory, and political methodology.

The Pre-Law program is designed to prepare students for law school. In addition to the course work, students receive counseling and other necessary assistance in making their choice of a law school. They will be able to interview with various law schools that conduct interviews on our campus. In addition, the department offers an on-line Law School Admission Test (LSAT) prep course, as well as its own Writing Lab and computer lab.

Departmental Requirements

To earn the undergraduate degree in Political Science, students must complete the core curriculum, pass a minimum of 30 credit hours in political science as outlined below. Students who wish to minor in Political Science must complete a minimum of 21 semester hours (See courses listed below under "Courses Required for Minor"), as well as the required courses for a major in their respective departments.

Department Courses Required

1. Core Courses. Students must make a C or better in the following major courses: POLS 2100; 2110; 2115; 2120; 3000; 3310; 4110 or 4120; and 4400.
2. Electives. Students may choose any two of the following: POLS 2800; 3020; 3030; 3040; 3120; 3130; 3210; 3320; 3410; 3500; 3510; 3550; 3560; 3600; 3700; 3710; 3800; 3810; 3990; 3995; 4000; 4100; 4200; 4310; 4330; 4340; 4500; 4520; 4600; 4880; 4990; 4995.
3. Non-department requirements. Students must make a C or better in either ECON 2200 or ECON 2300.

Courses Required for Minor

1. Required courses: POLS 2100; 2110; 2120; 3110; 3310; 4110.
2. Electives: 2 courses at the 3000 level or above.

Four-Year Curriculum Plan in Political Science

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG 1110	English Comp I		3	*ENG 1210	English Comp II		3
*MATH 1070	or Math 1100		3	*SCI 1220			4
*HIST 1320	Foreign Language II		3	*MATH 1200			3
*HUSC 1521	Dimensions of Learning		2	&	Elective		3
+POLS 2100	American Government		3	*HUM 2410	or 2420		3
				*HEDU 1531	Health		2

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*MFL	Foreign Language III		3	#POLS	Electives		6
*ART 1000	or 1200 or 1500		3	+ECON 2200	Macroeconomics or		3
+POLS 2120	State Government		3	+2300	Microeconomics		3
*PEDU 1541	Fitness		2	+POLS 2110	Comparative Govt (WI)		3
*	Science Requirement II		3	+POLS 4110	Political Theory I		3
+POLS 3000	Scope/Method		3				

Junior Year

Fall Semester			Credits	Spring Semester			Credits
+POLS 3310	American Con System		3	&	Electives (2-3)		6-9
+POLS2115	International Rel. (WI)		3	#POLS 3990	Behav. Res Methods		3
#POLS 4100	Internship		3	#POLS 3810	Indep Study		3
#POLS 3800	Junior Thesis		3	&	English Elective		3
&	History, Philosophy, or Public Administration Elective						

Senior Year

Fall Semester			Credits	Spring Semester			Credits
+POLS 4400	Prob. of Contem. Gov't		3	&PHIL	Elective		3
+POLS 4120	Political Theory II		3	#POLS	Electives (2)		6
&	Electives		3	&	Electives (2)		
&	Electives (2)		6				

*Consult General Education Curriculum

**Recommended

#Political Science Electives

+Required Major Courses

&GEC Electives

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

POLITICAL SCIENCE COURSE DESCRIPTIONS FOR UNDERGRADUATES

POLS 2100. Introduction to American Government (3)

A study of the legislative, judicial, and executive branches of the national government, with emphasis on the changing interpretation of the Constitution.

POLS 2110. Introduction to Comparative Politics (3)

Prerequisite: POLS 2100. A survey course that examines and compares institutions, cultures, and philosophies in Africa, Asia, Latin America, and other countries.

POLS 2115. Introduction to International Politics (3)

Prerequisite: POLS 2100. A survey course that examines the interactions among states (countries), nations, and international institutions in the global arena with regard to military, political, economic, and environmental issues.

POLS 2120. Introduction to International Politics (3)

Prerequisite: POLS 2100. A study of the relationship of state government to national and local governments, and the problems and operations of state government, particularly state government in North Carolina.

POLS 2800. Applied Comparative Civic Engagement (3)

Prerequisite: POLS 2100. A review of contemporary social, economic, and public policy alternatives and an examination of the micro and macro level social, economic, and public policy making process from a local, state, national, and international perspective, employing international service-learning as a tool for addressing social, economic, and public policy issues.

POLS 3000. Scope, Method and Writing (3)

Prerequisite: POLS 2100. A study of practical application techniques and methods used in the collection, analysis, and written presentation of political data.

POLS 3020. Major Powers and Asia (3)

Prerequisite: POLS 2100. A survey of the inter-relationship of the global interests of the major powers (U. S., Russia, Peoples' Republic of China) and the regional interests of Asian nations.

POLS 3030. Foreign Policy of Major Afro-Asian Nations (3)

Prerequisite: POLS 2100. An analytical review of the trends and goals of the foreign policies of Ghana, Nigeria, Tanzania, India, Indonesia, Japan, and other African and Asian nations.

POLS 3040. Major Powers and Africa (3)

Prerequisite: POLS 2100. A survey of the inter-relationship of the global interests of the major powers (U.S., Russia, Peoples' Republic of China) and the regional interests of African nations.

POLS 3120. Governments of the Far East (3)

Prerequisite: POLS 2100. A study of present-day Chinese, Japanese, and Indian governments, with emphasis on the relationship of governmental structure to the historical and philosophical development of these nations.

POLS 3130. Nuclear War (3)

Prerequisite: POLS 2100. A study of the relationship between domestic and foreign policy making in terms of nuclear war and weapons, as well as peace theory.

POLS 3210. Public Opinion and Propaganda (3)

Prerequisite: POLS 2100. A study of the nature, formation, and content of public opinion and the uses and characteristics of propaganda in the modern state.

POLS 3310. The American Constitutional System (3)

Prerequisite: POLS 2100. A study of judicial interpretation of the Constitution, the separation of governmental powers, federal-state relations, the control of interstate commerce, and the role of the federal courts in the development of the concepts of due process and equal protection.

POLS 3320. American Political Parties and pressure Groups (3)

Prerequisite: POLS 2100. A study of the purposes, history, and organization of major parties and pressure groups.

POLS 3410. Municipal Government (3)

Prerequisite: POLS 2100 and 2120. A study of the history and types of city and town governments, problems of metropolitan area governments, and federal-local relations.

POLS 3500. Practicum in Political Science (3)

Prerequisite: POLS 2100. An introduction to the theory and practice of the community political process. Students entering the course will spend a minimum of three hours per week in a particular field under the guidance of an instructor.

POLS 3510. Black Politics in America (3)

Prerequisite: POLS 2100. A study of the history and impact of African-Americans' participation in government and politics in the U. S.

POLS 3550. Oil Politics (3)

Prerequisite: POLS 2100. An examination of the politics of oil producing areas of the world.

POLS 3560. Media Politics (3)

Prerequisite: POLS 2100. An examination of the relationship of the media and the electoral process.

POLS 3600. American Foreign Policy (3)

Prerequisite: POLS 2100. An examination of U. S. foreign policy in the modern era, with emphasis on the process and mechanics of policy formulation and execution, and on economic and military implications in conducting American foreign policy.

POLS 3700. The U. S. Congress: People, Power and Politics (3)

Prerequisite: POLS 2100. A study of the U. S. Congress, focusing on both its internal functions and policy processes, with special emphasis on the issues of representation and responsiveness.

POLS 3710. The American Presidency: Office and Occupants (3)

Prerequisite: POLS 2100. An examination of presidential leadership and decision making, as well as the sources of and obstacles to presidential influence. Particular attention is paid to the problems and prospects of the modern presidency.

POLS 3800. Junior Thesis (3)

Prerequisite: POLS 2100. Independent study and research course under the guidance of the instructor.

POLS 3810. Independent Study in Political Science (3)

Prerequisite: POLS 2100 and permission of the instructor. A course that allows students to do independent study and research in a specialized area of political science. (Students may take course two times for credit.)

POLS 3990. Behavioral Research Methods in Political Science (3)

Prerequisite: POLS 2100 and POLS 3000. A course that introduces students to advanced political analysis.

POLS 3995. Environmental Politics (3)

Prerequisite: POLS 2100. A review of the history, principles, and issues in American environmental politics, with a focus on both governmental institutions and organizations.

POLS 4000. Political Economy (3)

Prerequisite: POLS 2100 and ECON 2200 or ECON 2300. A course designed to be an advanced level introduction to a range of theoretical and applied concerns regarding political economy. It is an exploration of the fundamental questions about government, policies, and the relationship between global market systems.

4100. Internship in Political Science (3-12)

Prerequisites: POLS 2100, 3000, 3310. Advanced junior classification or permission of the chair. (This course can be taken multiple semesters for a maximum of 12 credit hours). The course is designed to give students the opportunity to gain practical experience in political science with a law

firm, a government agency, an interest group, or a political organization.

POLS 4110. Political Theory I (3)

Prerequisite: POLS 2100. An examination of the development of political philosophy from Plato to the early eighteenth century, to the advent of the modern state system.

POLS 4120. Political Theory II (3)

Prerequisite: POLS 2100. A continuation of POLS 4110. An examination of political thought from the post-feudal period to modern times.

POLS 4200. Contemporary Black Political Thought (3)

Prerequisites: POLS 2100, 3510, and 4110 or 4120. A course to study alternative philosophical and political strategies based on the analysis of various black political movements.

POLS 4310. International Organization (3)

Prerequisite: POLS 2100 or permission of the instructor. A study of the United Nations, European ventures into international cooperative organization, and the Organization of American States.

POLS 4330. Politics of Developing Nations (3)

Prerequisite: POLS 2100, 2110 or 2115. A study of complex processes and forces involved with political integration and economic modernization in selected African countries.

POLS 4340. Civil Rights: Problems in Administration and Compliance (3)

Prerequisite: POLS 2100 and POLS 3310 or permission of the instructor. An advanced study of public administration and constitutional problems in the context of civil rights laws.

POLS 4400. Problems of Contemporary Governments (3)

Prerequisites: POLS 2100. Advanced standing and a minor or major in the social sciences. A careful study of selected governmental problems facing our nation today. These problems all include both domestic and international areas.

POLS 4500. Revolution and Ideology in the Third World (3)

Prerequisite: POLS 2100, 2110 or 2115. A study designed to offer students a representative cross-section of political movements, ideas, and "currents" in the new nations in ferment.

POLS 4520. Middle Eastern Politics (3)

Prerequisite: POLS 2100. An analysis of formal power structures of Middle Eastern countries and an examination of political forces impinging upon and undergirding the foreign policy of these nations.

POLS 4600. Workshop in International Affairs (3)

Prerequisite: POLS 2100 and permission of the instructor. An examination of major problems in international affairs with emphasis upon the factors which generate tensions among nations, focusing on interlocking and interdependent relationships of both larger and smaller nations in world politics.

POLS 4880. Special Topics in Political Science (3)

Prerequisite: 2100 and permission of the instructor. An examination of special topics in political science.

POLS 4990. Senior Honors I (3)

Prerequisites: POLS 2100, advanced standing, and permission of the instructor or department chairman. Honors course offered for senior political science majors with a 3.0 grade point average. This course focuses on important political works and requires independent research.

4995. Senior Honors II (3)

Prerequisites: POLS 2100, advanced standing and permission of the instructor or department chairman. Honors course offered for senior political science majors with a 3.0 grade point average. This course offers additional readings beyond Senior Honors I and independent research.

Psychology

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The Department of Psychology's undergraduate program offers comprehensive exposure to the prominent theories and concepts of modern psychology. The curriculum is designed to cultivate critical thinking, analyses, and application of psychological theories and paradigms through effective teaching and research. The program emphasizes self-development and the appreciation of human diversity, service and responsibility for individual, collective and global change. The department promotes the highest standards of teaching, scholarship, and research, thereby creating new paradigms for psychosocial health and well-being in an ever-changing world. Our diverse and highly trained faculty creates a broad spectrum of research and teaching experiences for students in theoretical and applied psychology. The program seeks to provide each student a background in psychology that is both diverse and unifying. Students graduating with the Bachelor of Arts degree in Psychology will be able to assume positions in the human services field and/ or pursue graduate training in psychology and other behavioral sciences. The general goals of the undergraduate program are to provide students with competencies

sufficient to work in a range of human services agencies and/or to succeed in graduate level studies in psychology or in the behavioral sciences. The departmental courses, based upon empirically determined theory, are designed to be dynamic and functional, to give students integrated knowledge concerning learning, development, maturation, and related adaptation processes.

The undergraduate program, which is traditional in purpose and focus, leads to a Bachelor of Arts degree in Psychology. Thirty hours are required to complete the program. It is tailored for serious students who want an in-depth concentration in prominent scientifically based theories and procedures in psychology.

Course Requirements for The Bachelor of Arts in Psychology

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum.
3. Complete the following departmental required courses: Psy 2120, 2400, 3100, 3300, 3400, 4100, 4410, 4920.
4. Complete at least two (2) elective courses in the department.
5. Earn grades of no less than "C" in all courses required for the major.

Four-Year Curriculum Plan in Psychology Freshman Year

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Comp I	3	*ENG 1210 English Comp II	3
*MATH GEC Requirement	3	*MATH 1110 Elementary Stat	3
*HUSC 1521 Dimensions of Learning	2	&Foreign Language II, or III	3
&Foreign Language I, II, or III	3	*SOCI GEC Requirement	3
*HIST 1320 World Societies	3	*PEDU 1541 Fitness	2
*HEDU 1531 Health	2	+Psy 2120 Adv Gen Psy (WI)	3

Sophomore Year

Fall Semester	Credits	Spring Semester	Credits
*ENG 1250 Elements of Speech (SI)	3	%CIS 1000 Fund of Computing/Elec	3
Foreign Language III	3	+PSY 3100 Abnormal Psychology	3
+PSY 2400 Intro to Statistic	3	+PSY 3300 Experimental Psychology	4
*BIO 1000 or 1300	3	*SCI GEC Requirement	3/4
*HUM 2410 or 2420	3	*HUM GEC Requirement	3

Junior Year

Fall Semester	Credits	Spring Semester	Credits
+PSY 3400 Psy of Measurement	4	+PSY 4410 Interm Stat.	3
+PSY 4100 Learning	3	%PHIL 2210 Ethics	3
#Psy Elective	3	#Psy Elective	3
%SOCI 2100 or Elective	3	%HEDU 2200 Healthy Beh or Elective	3
<Elective	3	<Elective	3

Senior Year

Fall Semester	Credits	Spring Semester	Credits
#^PSY 4900 Undergrad Thesis or Elective	3	#^Psy 4210 Undergraduate Internship or Elective	3
#Psychology Elective	3	+Psy 4920 Senior Sem	1
<Elective	3	<Elective	3
<Elective	3	<Elective	3
<Elective	3	<Elective	3

Total Minimum Credit Hours: 124

* GEC Curriculum Courses - 43

+ Psychology Required Courses - 24

Psychology Electives - 15 (It is recommended that students take two of the following courses, Psy 3310, Psy 3600, 4120 and/or 4200)

^ Departmental approval required for these courses

& Foreign Language - 6 Placement based on test scores; students may be placed in Levels I or II

Students who are required to complete MATH 1000 must earn a grad of "C" or better to take the GEC Math

%Non Departmental Recommended courses - 12

<General Electives - 24

SI = Speaking Intensive Course WI= Writing Intensive Course

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Psychology Course Descriptions

PSY 2100. General Psychology (3)

(This course is not required for psychology majors.) An introduction to psychological terms, facts and principles designed to aid the student in understanding individual behavior. Behavior is analyzed and interpreted through activities and discussions of such topics as motivation, emotion, perception, learning, and intelligence.

PSY 2120. Advanced General Psychology (3)

(For psychology majors.) An intensive treatment of topics in general psychology developed specifically for majors. The function of the course is to develop critical understanding and prepare the student to evaluate his or her later reading in the field of psychology. Practical applications of psychology are introduced and a laboratory component is provided.

PSY 2400. Introductory Statistics for Students of Psychology (3)

Prerequisites: PSY 2100 or 2120, MATH 1100 or 1070. A first course in statistics for students of psychology and other behavioral and social sciences. Assignments, class activities, and lectures are designed to develop a conceptual and analytical understanding of statistics and prepare students for the required quantitative courses. Descriptive statistics, correlation, the concepts of variance and elementary inferential statistics are analyzed.

PSY 3100. Abnormal Psychology (3)

Prerequisite: PSY 2100 or 2120. An orientation to the concepts of abnormal behavior with emphasis on the functional disorders of modern civilizations and the significance of social and emotional problems on normal conduct.

PSY 3200. Psychological Adjustment (3)

Prerequisite: PSY 2100 or 2120. A study of psychological theories and processes with emphasis on the application of psychology in one's life.

PSY 3300. Experimental Psychology (4)

Prerequisite: PSY 2400. A systematic overview of experimental design and procedures covering the fields of learning, memory, problem solving, development, psychometrics, environmental and social processes. A lab component is offered.

PSY 3310. The Psychology of Human Development and Maturation (3)

Prerequisite: PSY 2100 or 2120. An introduction to the study of human growth and development from conception through adulthood and death.

PSY 3400. Psychological Measurement (4)

Prerequisites: PSY 2120, 2400. An introduction to the study of psychological tests, methods, and results in the measurement of intelligence, achievement, and personality. (Three lecture and two laboratory hours per week.) Included are such topics as social perception conformity, attitude change, cognitive consistency, leadership and authority, techniques of data collection and experimental design.

PSY 3410. Introduction to Health Psychology (3)

Prerequisites: PSY 2100 or 2120. This course is designed to provide an overview of the field of Health Psychology from a biopsychosocial perspective – that is, that health and illness are determined by the interaction of biological, psychological, and social factors of an individual's life.

PSY 3500. Intro to Black Psychology (3)

Prerequisites: PSY 2100 or 2120. This course will provide students with an introduction to the field of African American psychology. Emphasis will be given to such issues as the African/African American and European/Euro-American worldviews and the manner in which cross cultural systems of social reality impact the African experience in America. The course will cover theories of African/Black personality, psychological health and mental disorder, identity, and family and social relationships. Moreover, the course will discuss issues that impact Africans in America and throughout the Diaspora.

Psychology Course Descriptions for Advanced Undergraduates

PSY 4100. Psychology of Learning (3)

Prerequisite: PSY 3300. An examination and evaluation of current theories of learning, with special attention given to concepts of classical conditioning and instrumental learning.

PSY 4112. Human Motivation (3)

Prerequisite: PSY 3300. This course will provide advanced students of psychology with the basic concepts, principles, and theories of the psychology of motivation. The etiology of and methods of instigating and manipulating motivation will be systematically explored.

PSY 4120. Psychology of Personality (3)

Prerequisite: PSY 3100 or 3200. A focus on the structure and development of the normal personality. Influences of childhood experiences upon personality; and significance of emotional development, integration, measurement of traits and personality types will be systematically examined.

PSY 4121. Adolescent Psychology (3)

Prerequisite: PSY 2100 or 2120. An examination of psychological theories and research methods and findings regarding the intellectual, emotional, perceptual and social development of the adolescent. Special coping or adjustment difficulties of the adolescent will be an integral part of the course.

PSY 4200. Cognition (3)

Prerequisites: PSY 2100 or 2120 and 3300. This course introduces students to concepts, theories, methods, and applications of cognition, or higher mental processes. Cognition deals with how people acquire, represent and use information. We review the history of cognition, basic research, theory, and its applications in several areas of society. Understanding the nature of cognition also helps us understand people's adaptive and mal-adaptive behaviors. The course involves laboratory experiences using on-line activities present in CogLab. Topics include perception, attention, memory, imagery, thinking, language acquisition, and problem solving.

PSY 4310. Applied Industrial and Organizational Psychology (3)

Prerequisite: PSY 2120. The study of efficient and effective ways to improve industrial and organizational performance via personnel selection, classification, isolating motivational factors, engineering, and man machine interface.

PSY 4400. Sensation and Perception (3)

Prerequisites: Psychology 2120 or 2100, Psychology 2400, or its equivalent in another academic discipline. The psychology of perception is an introduction to the mental processes humans use to sense and gain awareness of the physical, internal, and personal environments. Basic philosophical questions in perception such as the transduction of physical energy to psychology energy are undertaken in the major sensory modalities, with emphasis on the experimental and neurological methods of perception. Diverse theoretical approaches incorporating the physiological, psychophysical, ecological, cultural, social, and motivational aspects of perception further frame the discussions.

PSY 4410. Intermediate Statistics for Students of Psychology (3)

Prerequisite: PSY 2400 A study of statistical concepts, principles and procedures in the areas of basic descriptive statistics and inferential statistics including measures of central tendency, variability, probability, and mathematical distributions, hypothesis testing, chi-square, analysis of variance and multiple correlation.

PSY 4500. Physiological Psychology (3)

Prerequisite: PSY 2120. A study of physiological mechanisms which underlie behavior adjustments. Special attention is paid to the receptors, neural and effector mechanisms involved in perception, learning, and emotional behavior.

PSY 3600. Social Psychology (3)

Prerequisites: PSY 2120, 3300. An examination of how people influence the beliefs and behaviors of others, viewed from the perspectives of the influencer and the object of the influence. Included are such topics as social perception, conformity, attitude change, cognitive

consistency, leadership and authority, techniques
PSY 4112. Human Motivation (3)

Prerequisite: PSY 3300. This course will provide advanced students of psychology with the basic concepts, principles and theories of the psychology of motivation. The etiology of and methods of instigating and manipulating motivation will be systematically explored.

PSY 4120. Psychology of Personality (3)

Prerequisite: PSY 3100 or 3200. A focus on the structure and development of the normal personality. Influences of childhood experiences upon personality and the significance of emotional development, integration, measurement of traits and personality types will be systematically examined.

PSY 4121. Adolescent Psychology (3)

Prerequisite: PSY 2100 or 2120. An examination of psychological theories and research methods and findings regarding the intellectual, emotional, perceptual and social development of the adolescent. Special coping or adjustment difficulties of the adolescent will be an integral part of the course.

PSY 4210. Undergraduate Internship (3)

Prerequisites: PSY 2120, 2400, 3300 and nine additional hours of psychology. Direction and concentration are arranged by the instructor of record. For mature students with flexible schedules and a demonstrated commitment for community service/research.

PSY 4310. Applied Industrial and Organizational Psychology (3)

Prerequisite: PSY 2120. The study of efficient and effective ways to improve industrial and organizational performance via personnel selection, classification, isolating motivational factors, engineering, and man/ machine interface.

PSY 4410. Intermediate Statistics for Students of Psychology (3)

of data collection and experimental design.

Prerequisite: PSY 2400 and 3300. A study of statistical concepts, principles and procedures in the areas of basic descriptive statistics and inferential statistics including measures of central tendency, variability, probability, and mathematical distributions, hypothesis testing, chi-square, analysis of variance and multiple correlation.

PSY 4500. Physiological Psychology (3)

Prerequisite: PSY 2120. A study of physiological mechanisms which underlie behavior adjustments. Special attention is paid to the receptors, neural and effector mechanisms involved in perception, learning, and emotional behavior.

PSY 4900. Undergraduate Thesis (1-6)

Prerequisites: PSY 4410 and permission of the department. Opportunities will be provided for the students to develop and write a supervised major research paper in any area of psychology that is agreed upon by the student and the advisor. The major objectives of the course are to assure that students are able to do adequate research, use qualitative tools and instruments in the field, and develop and defend a final paper in a format stipulated by the instructor.

PSY 4910. Undergraduate Honors Seminar (1)

Prerequisites: Junior or senior status and at least a 3.0 GPA. This course is designed for honors or high achieving majors to discuss, test, and explore their research interests.

PSY 4920. Senior Seminar (1)

Prerequisite: senior status. Students will focus on relevant issues and problems in psychology. Preparation for graduate and professional schools and the requirements for careers in psychology and related disciplines will be explored.

Public Administration

Ronald G. Penny, Chairperson
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The undergraduate Public Administration program is an interdisciplinary program designed to provide broad study in preparation for a career in the public and non-profit sectors or to pursue graduate study. The program seeks to provide students with a sound understanding of budgeting, personnel administration, intergovernmental relations, public policy analysis, and organizational management.

The primary focus of our program at the undergraduate level is to produce highly qualified and competent people for employment in public service. Graduates of this program have successfully pursued careers in various public sector employment fields, including federal, state, and local government service, human service administration, as well as opportunities in various non-profit service organizations. NCCU students can be found throughout the world addressing policy issues and leading efforts to improve communities.

With the ability to select from a vast array of elective or double major, Public Administration students are encouraged to tailor their course of study to meet their individual interests while completing the specific requirements for the program. The undergraduate program is also designed to integrate theory and practice, which is vital to the student's overall preparation. To achieve this, an internship component has been developed to give students an early practical experience in a government or non-profit agency before graduation. This feature of the program is based on a philosophy that education in public administration must involve more than just classroom training.

Course Requirements for the Bachelor of Arts in Public Administration

Non-major requirements:

1. Complete a minimum of 124 hours with a cumulative grade point average of 2.0 or higher.
2. Freshman and sophomore years: complete the General Education Curriculum (GEC) with a grade point average of 2.0 or higher.
3. Complete the following courses outside of the Department of Public Administration with a grade point average of 2.0 or higher
 - a. ECON 2200,
 - b. ECON 2300,
 - c. ENGLISH (a Technical Writing Course),
 - d. POLS 2100 and
 - e. POLS 4110 or POLS 4120.

Departmental major requirements:

1. Complete a minimum of 30 semester hours of major courses with a GPA of 2.0 or higher. The required major courses to complete are:

a	PADM	f	PADM
	2400,		3490,
b	PADM	g	PADM
	3130,		4130,
c	PADM	h	PADM
	3400,		4230,
d	PADM	i	PADM
	3460,		4240, and
e	PADM	j	POLS 2100.
	3470,		
2. In addition, students may select four other public administration courses as electives: PADM 3420, PADM 4300, PADM 4310, PADM 3520, PADM 3540, PADM 4620, PADM 4630.

Second major requirements: See catalogue for other related second majors in Criminal Justice, Geography, Political Science, Psychology, Sociology, and Social Work.

Four-Year Curriculum Plan in Public Administration**Freshman Year**

Fall Semester				Spring Semester			
			Credits				Credits
*ENG	1110	English Composition I	3	*ENG	1210	English Composition II	3
*SOCl		GEC Requirement	3	*MFL		Level III	3
*MATH		GEC Requirement	3 /4	*MATH		GEC Requirement	3 /4
*HIST	1320	World Societies	3	*HUM		Arts & Humanities I or II	3
*PEDU	1541	Fitness	2	+POLs	2100	Intro to American Govt	3
*HUSC	1521	Dimensions of Learning	2	*HEDU	1531	Health	2

Sophomore Year

Fall Semester				Spring Semester			
			Credits				Credits
*SCI		GEC Requirement	3 /4	*SCI		GEC Requirement	3 /4
*HUM		GEC Requirement	2 /3	%ENG	2105	Intro Tech Writing (WI)	3
*ENG	1250	Elements of Speech (SI)	3	%ECON	2300	Microeconomics	3
%ECON	2200	Macroeconomics	3	+PADM	3490	Intergovernmental Adm	3
+PADM	2400	Intro to Public Admin	3	&		Elective	3

Junior Year

Fall Semester				Spring Semester			
			Credits				Credits
+PADM	3130	Computer Apps in PA I	3	+PADM	4130	Computer Apps in PA II	3
+PADM	3400	Public Financial Admin	3	+PADM	3470	Pub Adm & Public Policy	3
+PADM	3460	Pub Personnel Ad (WI)	3	+PADM	3420	Urban Administration	3
&		Elective	3	&		Elective	3
&		Elective	3	&		Elective	3
				&		Elective	2

Senior Year

Fall Semester				Spring Semester			
			Credits				Credits
+PADM	4230	Admin & Org Theory	3	&		Elective	3
&		Elective	3	&		Elective	3
%POLs	4120	Political Theory I or II	3	&		Elective	3
&		Elective	3	&		Elective	3
+PADM	4240	Seminar in Pub Admin	3	&		Elective	3

TOTAL MINIMUM CREDIT HOURS: 124**Distribution of Hours**

- * Core Curriculum Courses - 41
- + Public Administration Required Courses - 30
- % Non-departmental Required Courses - 12
- & Electives - 41
- < Students must have a GPA of 2.0 or higher in Public Administration courses in order to graduate.
- < Suggested Electives:

GEOG 3435 Geographic Information Systems (3); GEOG 4010 Applied Geographic Information Systems (3); PADM 3520 Urban Planning (3); PADM 3420 Urban Administration (3)
(SI) = Speaking Intensive; (WI) = Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Public Administration**Freshman Year**

Fall Semester				Credits				Spring Semester				Credits			
*ENG	1110	English	3					*ENG	1210	English	3				
		Composition I								Composition II					
*SOCI		GEC Requirement	3					*MFL		Level III	3				
*MATH		GEC Requirement	3 /4					*MATH		GEC Requirement	3 /4				
*HIST	1320	World Societies	3					*HUM		Arts & Humanities I or II	3				
*PEDU	1541	Fitness	2					+POLS	2100	Intro to American Govt	3				
*HUSC	1521	Dimensions of Learning	2					*HEDU	1531	Health	2				

Sophomore Year

Fall Semester				Credits				Spring Semester				Credits			
*SCI		GEC Requirement	3 /4					*SCI		GEC Requirement	3 /4				
*HUM		GEC Requirement	2 /3					%ENG	2105	Intro Tech Writing (WI)	3				
*ENG	1250	Elements of Speech (SI)	3					%ECON	2300	Microeconomics	3				
%ECON	2200	Macroeconomics	3					+PADM	3490	Intergovernmental Adm	3				
+PADM	2400	Intro to Public Admin	3					&		Elective	3				

Junior Year

Fall Semester				Credits				Spring Semester				Credits			
+PADM	3130	Computer Apps in PA I	3					+PADM	4130	Computer Apps in PA II	3				
+PADM	3400	Public Financial Admin	3					+PADM	3470	Pub Adm & Public Policy	3				
+PADM	3460	Pub Personnel Ad (WI)	3					+PADM	3420	Urban Administration	3				
&		Elective	3					&		Elective	3				
&		Elective	3					&		Elective	3				
								&		Elective	2				

Senior Year

Fall Semester				Credits				Spring Semester				Credits			
+PADM	4230	Admin & Org Theory	3					&		Elective	3				
&		Elective	3					&		Elective	3				
%POLS	4120	Political Theory I or II	3					&		Elective	3				
&		Elective	3					&		Elective	3				
+PADM	4240	Seminar in Pub Admin	3					&		Elective	3				

TOTAL MINIMUM CREDIT HOURS: 124**Distribution of Hours**

* Core Curriculum Courses - 41

+ Public Administration Required Courses - 30

% Non-departmental Required Courses - 12

& Electives - 41

< Students must have a GPA of 2.0 or higher in Public Administration courses in order to graduate.

< Suggested Electives:

GEOG 3435 Geographic Information Systems (3); GEOG 4010 Applied Geographic Information Systems (3); PADM 3520 Urban Planning (3); PADM 3420 Urban Administration (3)

(SI) = Speaking Intensive; (WI) = Writing Intensive

Public Administration Concentration Courses

PADM 2400. Introduction to Public Administration (3)

Prerequisite: POLS 2100. This course involves the study of the principles and problems of public administration at the state and national levels.

PADM 3130. Computer Applications to Public Administration Problems I (3)

This is an introductory course in computer application to such public administration areas as personnel and financial system file maintenance and retrieval, survey and aggregate data analysis, and data transformation systems.

PADM 3400. Public Financial Administration (3)

This course is designed to familiarize the students with the role of financial administration and budgeting in the determination of governmental policy, administrative planning, control of governmental operations, and intergovernmental relations.

PADM 3420. Urban Administration (3)

This course examines the administrative aspects of urban problems. It examines the causes, effects and possible solutions to these problems making use of such techniques as gaming simulation, field research and interaction with public administrators. The scope of problems considered varies as the urban scene changes. Presently, it includes planning, financing, housing, racism, welfare, poverty, education, crime, transportation and health care. These problems will be examined in light of such concepts as citizen participation, ethnic politics and the politics of decision making.

PADM 3460. Public Personnel Administration (3)

This course examines the role of human resources in public and nonprofit organizations from a strategic perspective. The student will learn human resource functions, from recruitment and selection to career development.

PADM 3470. Public Administration and Public Policy (3)

This course will define the public policy-making process in the United States. The major focus will

be on defining specific areas of public policy such as housing, welfare, health education, planning, etc., analyzing those policies and proposing alternative delivery systems. The student will be exposed to the processes of public policy formulation, implementation and evaluation. A working knowledge of aggregate data analysis will be helpful to the student.

PADM 3490. Intergovernmental Administration (3)

This course examines the administrative aspects of policies that cross governmental jurisdiction lines, i.e., local, state and federal. It focuses upon the cooperation, conflicts and competition among the various levels of government and how they affect the administration of public programs. The course will include intergovernmental legislative and personnel problems.

PADM 3520. Urban Planning and Public Administration (3)

This course focuses on planning theory and practice as they relate to urban areas. It will examine the planning process; it will relate planning to various urban problems, housing, education, health, transportation, etc.; it will relate planning to the administrative process; and will give an overview of the role of planning in national development, i.e. regional planning and other forms of sub-national planning. It will closely examine the relationship between the planner and the administrator in urban areas.

PADM 4020. Introduction to Honors Research I (3)

Prerequisites: minimum 3.2 GPA and permission of the instructor. Students are introduced to public administration research and must plan and begin the senior thesis. One chapter of the senior thesis must be written and approved in this course.

PADM 4030. Introduction to Honors Research II (3)

Prerequisite: PADM 4020. In this course students complete the senior thesis begun in PADM 4020.

PADM 4240. Seminar in Public Administration (3)

Prerequisites: PADM 3400, 3460, 3470, 3490, 4230, and senior status. This course is designed to

provide students with an opportunity to synthesize the various aspects of the public administration program. Students will be expected to draw on all of their experiences, lecture courses, internship and directed readings, and to address the issues and problems in the field of public administration.

PADM 4130. Computer Applications to Public Administration Problems II (3)

Prerequisite: PADM 3130. This is an advanced course in computer application, which deals with the study of advanced computer techniques including multivariate analysis, index and scale applications to public administration systems, and research using several computer routines.

PADM 4230. Administration and Organizational Theory (3)

Prerequisite: PADM 2400. This is an advanced course in public administration designed to strengthen the student's understanding of the theory and practice of administrative organizations.

PADM 4300. Public Administration Internship I (3)

Prerequisites: PADM 2400, 3130, 3400, 3460, 3470, and senior status. This internship is a highly structured course designed to help the student

integrate theoretical, textbook knowledge with the real world of public administration. The nature of this internship is experiential, and the student is under close supervision by the internship director and trained agency personnel, while working on clearly defined projects.

PADM 4310. Public Administration Internship II (3)

Prerequisite: PADM 4300. This course is a continuation of PADM 4300, in which the student will complete additional hours in a public or nonprofit agency. A final paper describing the internship experience is required.

PADM 4620. Special Topics in Public Administration (3)

This course involves an investigation of in-depth, research based analyses of on temporary topical areas in public administration not covered in other courses. It is designed to address the emerging issues related to the discipline.

PADM 4630. Independent Study (3)

Prerequisite: Junior or senior status. This course includes independent readings and research under the supervision of an instructor. The course may be repeated twice as different topics or readings are selected for examination.

PUBLIC HEALTH EDUCATION

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The Department of Public Health Public Education offers a professional preparation program leading to the Bachelor of Science in Community Health Education. Students take a common core of courses and do further study in the behavioral, social, and biological sciences, education, communications, and public health.

The mission of the Department of Public Health Education is to prepare students, academically and professionally, to assume leadership positions in public health. The Department provides students with opportunities to develop proficiency in the application of theory, content, and skills to promote, support and enable healthy communities. The public health education program is designed to prepare entry-level health educators for practice in a variety of settings, such as official public health agencies, voluntary health agencies, healthcare agencies, corporate and business work-sites, and community-based organizations.

A secondary mission is to promote the health and well being of communities through a combination of departmental course offerings, faculty research, and academic service learning. Students gain knowledge and skills to promote self-directed behaviors and lifestyles conducive to health, assist communities in identifying and defining health issues, designing and implementing effective strategies to address those issues, securing resources to successfully implement those strategies, and advocating for policies supportive of health and a more equitable distribution of the resources necessary for health.

The Department of Public Health Education curriculum will provide students with:

1. Basic preparation for entry-level practice of health education;

2. Sound preparation for graduate study in public health education and related disciplines; and
3. Approved course work and experiences leading to eligibility to take certifying examinations, e.g. Certified Health Education Specialist (CHES).

Advisors in the Department will counsel the student in planning his/her program of study.

COURSE REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN COMMUNITY HEALTH EDUCATION

1. Complete a minimum of 128 semester hours. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum requirements with a minimum grade point average of 2.0.
3. Complete the lower division (Pre-Public Health Education) courses with HEDU 2000 (Introduction to Health Education), HEDU 2100 (Community Health), HEDU 2200 (Health Behavior for Effective Living) and HEDU 2400 (Methods and Applications of Group Leadership for Health Personnel) with a minimum grade point average of 2.25.
4. Upon completion of the lower division, the student submits an application form with documentation of a cumulative grade point average of 2.25 or higher in HEDU 2000, 2100, 2200, 2400 for formal admission or transfer into the program.
5. Complete the cognate course requirements for public health education:
 - a. BIOL 1300, 1610 and 1620.
 - b. One course from SCI 1220 or CHEM 1000 or BIOL/CHEM 2105.
 - c. One course from PSY 2100 or PSY 3100.
 - d. FOOD 2200.
 - e. One course from SOCI 3210, 3220, or 4520.
 - f. EDUC 3000 or 3030.
 - g. EDU 3010

- h. A statistics course approved by the department (e.g. HEDU 3700 or EDU 3700 or PSY 2400 or SOCI 3600).
6. Complete the departmental major requirements:
- a. HEDU 2000, 2100, 2200, 2400, 3100, 3200, 3210, 3220, 3400, 3420, 3600, 4000, 4120, 4220, 4300, 4660, and two (2) public health education, general education or other approved electives.
 - b. HEDU 3210 and HEDU 3220 must be taken in sequence.
 - c. HEDU 4420 Internship in Community Health Education--students may not be employed or take any other courses during internship period. Note: Students must have completed all required health education major courses with a cumulative GPA of 2.5 to enroll in HEDU 4420.
 - d. Students must earn a minimum grade of C in HEDU 4420 in order to graduate.
- Courses recommended for a minor in Public Health Education are HEDU 2000, 2100, 3100, 3210, 3400, 3420, and 4660.

Four-Year Curriculum Plan in Public Health Education

FRESHMAN YEAR

Fall Semester				Credits	Spring Semester				Credits
*ENG	1110	English Composition		3	*ENG	1210	English Composition		3
%BIOL	1300	Molecules & Cell Function		4	*MATH	1100	College Algebra & Trig		3
+HEDU	2000	Intro to Health Education		2	*POLS	2100	Or SOCI 2000 or 2100		3
*PEDU	1541	Fitness		2	*HUM	2410	Arts & Humanities I		3
*HUSC	1521	Dimensions of Learning		2	*ENG	1250	Elements of Speech (SI)		3
*MFL		Level III		3					

SOPHOMORE YEAR

Fall Semester				Credits	Spring Semester				Credits
*MATH	1110	Elementary Statistics		3	%BIOL	1620	Anatomy/Physiology II		3
%BIOL	1610	Anatomy and Physiology I		4	%FOOD	2200	Intro to Human Nutrition		3
+HEDU	2100	Community Health		2	+HEDU	2400	Methods/Group Leadership ▲		2
+HEDU	2200	Health Behavior/Eff. Living		3	*SCI		GEC Requirement		3/4
*HIST	1320	World Societies		3	%EDU	3000	Or EDU 3030		3
*Arts and Humanities Core Course				3	&		Elective		3

JUNIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
+HEDU	3210	Found. of Public Health		3	+HEDU	3600	Plan. for Health Ed WI)		3
+HEDU	3400	Theory/Prac. of Health Ed ▲		3	+HEDU	3420	Principles of Sch. Health		3
+HEDU	3200	Comm. & Chronic Disease		3	+HEDU	3220	Intro to Epidemiology		3
+HEDU	3700	Statistics for Public Health		3	+HEDU	3100	Environmental Health		3
%SOCI	3210	Or SOCI 3220 or 4520		3	%PSY	3100	Or PSY 2100		3

SENIOR YEAR

Fall Semester				Credits	Spring Semester – (FIRST 8 WEEKS)				Credits
+HEDU	4000	Communicating Health Info		3	+HEDU	4120	Org/Adm of School/ Community Health (B)		3
+HEDU	4300	Res. Methods & Eval.		3	+HEDU	4220	Sr. Sem. in Health Ed (B)		3
+HEDU	4660	Public Health Policy ▲		3	SECOND 8 WEEKS – Fulltime Internship				
%EDU	3010	Human Growth and Dev.		3	+HEDU	4420	Field Work in Health Ed ▲		6
&		Elective		3					

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours:

* Core Curriculum Courses – 38

+ HEDU Required courses – 54

% Non-Departmental Required Courses - 26

& Electives – 6

(B) Block courses open only to majors who have taken and passed all required courses: core curriculum (*), HEDU (+), and non-departmental (%)

(WI) Writing Intensive Course

(SI) Speaking Intensive Course

▲ The University Community Service requirement may be met in these Service Learning Courses

HEDU 4420 Field Work in Health Education

Requires 2.5 GPA in Public Health Education Course to enroll

Requires an 8-week, (320 hours), full-time commitment to the agency and may include night and/or weekend agency responsibilities

Student may not be employed during the 8-week internship period.

Student may not take other courses during the 8-week internship period.

Public Health Education Course Descriptions for Undergraduates

HEDU 1531. Health (2)

An introductory study of personal health promotion and disease prevention topics with an emphasis on changing behaviors from those that threaten our health to those that will promote lifelong wellness.

HEDU 2000. Introduction to Health Education (2)

The basic philosophy, principles and content of health education are discussed as background for suggested solutions to health problems. In addition, students are expected to learn the seven major roles and responsibilities of a health educator and gain an understanding of the practice of health education in a variety of work settings. (One lecture and two laboratory hours per week.)

HEDU 2100. Community Health (2)

This course focuses on concepts of community health, factors influencing community health, and community resources for prevention and elimination of community health problems. Special emphasis is placed on citizens' responsibilities and participation at the local, state, national and international levels.

HEDU 2200. Health Behavior for Effective Living (3)

A survey of essential knowledge and practices for personal and community health. Emphasis is placed on emotional optimal well-being, positive health behavior, health risk factors, certain environmental health concerns, and certain organizational resources for public health. Expressed interests and needs of students will also be of vital concern.

HEDU 2400. Methods and Applications of Group Leadership for Health Personnel (2)

Prerequisite: HEDU 2000, 2100, 2200 or permission of the instructor. This course focuses on the health professional's role in working with community groups. Emphasis will be placed on developing skills such as interpersonal communication, diagnosing group difficulties, and intervening to increase the effectiveness of working groups. (One lecture and two laboratory hours per week.)

HEDU 3100. Environmental Health (3)

Prerequisites: BIOL 1300, BIO 1610, 1620, HEDU 2100 or permission of the instructor. This course is designed to provide a general knowledge of principles of environmental health science and their application in the management of certain risks in the environment. Attention is given to the role of

community resources, including health education, in the promotion of environmental health.

HEDU 3200. Communicable and Chronic Diseases (3)

Prerequisites: BIOL 1300, BIO 1610, 1620 or permission of the instructor. This course is designed to provide a concise, overview of selected human diseases. The course focuses on the concept of health and illness, knowledge of risk factors, etiology and pathogenesis of selected diseases, public health approaches and prevention strategies.

HEDU 3210. Foundations of Public Health (3)

Prerequisites: HEDU 2000, 2100, 2200, 2400, HEDU 3400 co-requisite or permission of the instructor. A study of the philosophy, principles, and practices of public health. Topics include the history of public health, the organization of public health at local, state, and federal levels, the determinants of health and illness with a special focus on racial/ethnic disparities in health, and efforts to revise the U.S. health care system.

HEDU 3220. Introduction to Epidemiology (3)

Prerequisites: HEDU 2000, 2100, 2200, 2400, 3210, HEDU 3400 or with permission of the instructor. This course focuses on basic epidemiological principles and practices including data collection, analysis, interpretation, evaluation and implications for health education programming. (Two lecture and two laboratory hours per week).

HEDU 3300. Human Sexuality (2)

This course provides a broad overview of biological, social, and emotional dimensions of sexuality. It will examine sex roles of men and women in the United States with special emphasis on fostering understanding and tolerance of changing patterns, life styles, and attitudes.

HEDU 3400. Theory and Practice of Health Education (3)

Prerequisites: HEDU 2000, 2100, 2200, 2400, and co-requisite 3210 or permission of the instructor. The course is a study of theories often used in assessing the need for planning, implementing and evaluating community health education programs. Special attention will be given to the study of theories at the organizational and community levels.

HEDU 3420. Principles of School Health (3)

Prerequisite: EDU 3000 or 3030 or permission of the instructor. This course provides an overview of the principles of a coordinated school health program, current health issues in the classroom, the National Health Education Standards,

classroom diversity, and assessments (including performance-based assessment). Effective classroom activities used in teaching health will be included.

HEDU 3600. Planning for Health Promotion and Health Education (3)

Prerequisites: HEDU 2000, 2100, 2200, 2400, 3210, 3400. Co-requisite HEDU 3220. An overview of the process for assessing, planning, implementing and evaluating health promotion and prevention programs for targeted populations. (Two lecture and two laboratory hours per week.)

HEDU 3700. Statistics for Public Health (3)

Prerequisites: MATH 1100 or 1110, HEDU 2000 and 2100, or permission of the instructor. This course provides an introduction to fundamental statistical methods and their application to health, behavioral, and social sciences. Lectures and assignments focus on statistical concepts such as measures of central tendency and dispersion, correlation, and sampling. Students will develop an understanding of selecting, computing, and interpreting descriptive and inferential statistical tests.

HEDU 4000. Communicating Health Information: Procedures, Media, and Techniques (3)

Prerequisites: HEDU 2000, 2100, 2200, 2400, 3210, 3220, 3400 and 3600. Co-requisite HEDU 4300. This course focuses on a variety of approaches for communicating health information utilizing multiple channels of communication. Students will design, produce, and utilize educational media and materials to inform and influence individual and community decisions that enhance health. (Two lecture and two laboratory hours per week).

HEDU 4110. First Aid and Safety (3) This course is designed to develop an understanding of measures essential for the prevention of injury including the role of school safety education. Students are expected to develop skills in applying first aid procedures for victims of injury or sudden illness.

HEDU 4113. Methods and Materials in Health Education (3)

A component of the Senior Semester in Teacher Education. This course provides opportunities for students to become proficient in their knowledge of content, instructional strategies, media and procedures for teaching health (K-12).

HEDU 4120. Organization and Administration of School and Community Health Programs (3)

Prerequisite: HEDU 2000, 2100, 2200 2400, 3100, 3210, 3220, 3400 3420, 3600, 4000, 4300.

Principles of organization and administration of health programs in the school and the community at large are covered. Of particular concern in the course are administrative and coordinating functions that can be expected of a health educator in the school or in a community health agency.

HEDU 4200. Aging and the Aged: Health Perspectives (2)

The course describes characteristics of aging and the aging process. Its major focus is on health problems common to the elderly; measures which may be applied by the individual, families, and society for preventing, coping with, and solving these problems. Current practices in the provision of health care for the elderly are reviewed.

HEDU 4213. Directed Teaching of Health Education (6)

This course is a component of the Senior Semester in Teacher Education. Prerequisite: HEDU 4113 and a grade point average of 2.5 or above in the field in which licensure is sought. The Directed Teaching component of the Senior Semester is intended to provide opportunities for the student to do teaching under supervision.

HEDU 4220. The Senior Seminar: Trends and Directions in Health Education (3)

Prerequisites: HEDU 2000, 2100, 2200, 2400, 3100, 3200, 3210, 3220, 3400, 3420, 3600, 4000, 4300. The senior seminar will consider emerging issues in public health, providing student with opportunities to review, apply, integrate, and synthesize the roles and responsibilities of an entry-level health educator. Students will also practice strategies and skills needed to obtain and maintain employment in public health education.

HEDU 4300. Research Methods and Evaluation in Health Education (3)

Prerequisites: HEDU 2000, 2100, 2200, 2400, 3210, 3220, 3400, 3600 and co requisite 4000. This is an introduction to basic research methods and methods of evaluating health promotion programs. Students will examine, compare, and contrast qualitative and quantitative approaches to field research and data collection strategies. The course will prepare students for developing and delivering oral and poster presentations.

HEDU 4310. Women's Health (3)

This course will address topics across four dimensions of women's health: Foundations in Women's Health, Sexual and Reproductive Dimensions of Women's Health, Physical and

Lifespan Dimensions of Women's Health, and Interpersonal and Social Dimensions of Women's Health. The course places special emphasis on integrating knowledge beyond the classroom to the larger community, nation, and world.

HEDU 4420. Internship in Community Health Education (6)

Prerequisites: Completion of all courses required for the major, general education, and cognate courses with a GPA of 2.5 in health education courses. The student spends the first part of the semester in a pre-internship seminar. The second part is spent full-time as an intern in a community health agency where opportunities are provided for observing and performing a variety of community health education functions under the supervision of a professional public health educator. A student in the internship may not be employed during this eight week period or take any other courses.

HEDU 4500. Independent Study: Special Topics in Health Education (1-6)

Prerequisites: HEDU 2000, 2100, 2200 or permission of the instructor. This course permits the student to pursue an area of interest in collaboration with a faculty member. The student must demonstrate the capacity to work independently and with limited direction. A final project which meets predetermined learning objectives is required.

HEDU 4660. Public Health Policy: Assessment and Advocacy (3)

Prerequisites: HEDU 2000, 2100, and 2200 or permission of the instructor. This course will address a major health issue in the U.S. (e.g., tobacco, obesity, HIV/AIDS) from a public health and public policy perspective. Students will consider policy assessment, policy analysis, and policy advocacy as tools for examining and addressing the issue. Students will engage in experiential learning activities such as assessing or analyzing health policies, planning or conducting a policy advocacy campaign, or implementing or evaluating a recently adopted health policy.

HEDU 4700. Current Public Health Topics (2)

Each semester, this course will address a current public health problem of national and/or international significance (e.g., HIV/AIDS, health disparities, pandemic flu, obesity) from a multi-disciplinary perspective. The goals of the course are to foster an understanding of the complexity and multi-dimensionality of emerging public health phenomena and to facilitate an exploration of those phenomena as paradigms for the relationship among health problems, society, and public responses to those problems. Faculty in the Department of Public Health Education will assume the major responsibilities for teaching the course. However, numerous practitioners from other disciplines in both the public and nonprofit sectors will be invited as guest speakers.

Department Of Social Work

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Accredited by the Council on Social Work
Education (2003-2011)

The primary objective of the Social Work curriculum is to prepare students for general professional social work practice. Students selecting social work are required to complete a strong liberal arts curriculum and a core of basic social and behavior science courses including theory, research methods and statistics.

The professional Social Work curriculum consists of a sequence of fourteen (14) courses or forty seven (47) semester hours. The courses within the sequence are designed to provide a comprehensive study of social welfare systems, social work as a profession, social policy analysis, social human behavior and the social environment, practice methods, evaluation of practice and field placement practicum. The major social work values essential for professional practice are important parts of the curriculum. Students are expected to finish the program having the basic skills essential for professional practice.

The major objective of the BSW degree is to prepare students for generalist professional social work practice. Other program objectives for the program include:

1. Prepare students to work with families in poverty and minority populations;
2. Prepare students for graduate social work education;
3. Prepare students for graduate education in related areas;
4. Expose non-majors to the field of social welfare and to social work profession; and

5. Impact the local community outside the university through social policy research and active participation in empowerment efforts.

PROGRAM STATEMENT OF GENERALIST SOCIAL WORK

The Department of Social Work at North Carolina Central University prepares students for generalist practice. The complexity of life in America at the ending of the 20th century requires a broadly educated practitioner possessing a versatile repertoire of knowledge and skills essential for intervening in a number of human systems. Our generalist model fosters in students the view that individuals and society are of human systems. Our generalist model fosters in students the view that individuals and society are synergistically linked to each other for mutual well being and survival. That is, individual's needs are met through participating in the contributions of individuals occupying productive social roles.

The essential focus of the Department of Social Work at NCCU is "the person and the social environment." Individual and societal needs reflect a breakdown in the mutual exchange between the individual and society. Thus, the point of baccalaureate social work intervention is where the individual and society reach out for each other through mutual need for self actualization. On the other hand, the stability, health, and goal attainment of society is assured through individuals learning and occupying useful roles within small groups such as families and informal support networks and also large formal groups such as political, economic, educational, and religious organizations.

Given the above stated focus, the purpose of the program may be viewed as producing beginning social work practitioners who are adept at intervening at the micro, mezzo, and macro level of the human experience. We provide an educational experience through which the student acquires the knowledge, skills, and values essential for matching the needs and resources of the individual with the need and resources of society. In order to promote the development of both.

Given the generalist focus, students at NCCU develop specific skills in delivering direct services. As direct service professionals, they function as “frontline” professionals having face-to-face contact with clients at all levels of intervention. As generalist/direct-service professionals, students are expected to develop the necessary knowledge, skills, and values associated with several key social work roles. The most important of these roles include; counselor, advocate, case manager, and broker. Initial exposure to the professional Social Work curriculum occurs during the sophomore year. Students take the courses Social Work as a Profession, and Social Welfare Institution as prerequisites for formal admission to the social work program. An average of 2.5 or C+ in those courses is required for admission.

Students are formally admitted to the BSW Program at the end of the sophomore year. Students return to NCCU for their junior year as proud and fully accepted social work majors. Students complete the Social and Behavior Sciences Foundation component during this time through courses focusing on cultural diversity, at risk populations, technical writing and statistical methods. The Professional Social Work component exposes students to the Human Behavior and the Social Environment courses, social policy, research methods, and social work methods. The social work methods component serves to focus the junior year as students begin to acquire the practice skills essential for generalist social work practice.

The senior year is described at NCCU as “crunch time.” That is, students are expected to “show what they know”. The major learning activities center around the Field Placements Practicum, Research, and the Senior Seminar in Social Work. Senior Seminar in Social Work serves to coordinate and focus Field Practicum and Research on outcome assessment and evaluative methods.

Students end their learning experience at NCCU by demonstrating that they can apply the knowledge, skills, and value base of generalist social work practice to assessing the outcomes of social work interventions.

ADMISSION POLICY

Students desiring to enter the BSW Program may select Social Work as their major at the time of admission to the University, or, in the case of currently enrolled students, a declaration of major form indicating social work as their major of choice should be submitted to the Office of the Registrar before the end of the second semester of their sophomore year. However, to be formally admitted to the BSW Program, students must meet the established minimum admission criteria, as follows:

1. Satisfactory completion of two prerequisite courses – SOCW 2500 (Social Work as a Profession) and SOCW 3410 (Social Welfare as an Institution).
2. A GPA of 2.5 (C+) in the above listed prerequisite courses.
3. A cumulative GPA of 2.5 **or** a SWAI (Social Work Admission Index) score of 70 or higher.

The Social Work Admission Index (SWAI) Score.

If a student does not meet the cumulative GPA requirement of 2.5; a minimum SWAI score of **70** (on a scale of 70-100) is required for formal acceptance into the program. The following are factors making up the SWAI score:

<u>Category</u>	<u>Weight</u>
Grade Point Average (GPA)	
Cumulative GPA	3.5 - 4.0 = 30 points
	2.5 - 3.49 = 20 points
	2.0 - 2.49 = 10 points

Two Letters of References

(Typed on letterhead identifying the writer of the reference) = 10 points

Quality of narrative statement

Excellent	= 40 points
Good	= 30 points
Fair	= 20 points

Membership in Professional Organizations

Student Chapter of the National Association of Social Workers (NASW)	= 15 points
NCCU Social Work Society	

BSW PROGRAM 4- YEAR CURRICULUM**FRESHMAN YEAR**

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
*ENG 1100 English Comp. I	3	*ENG 1210 English Comp. II	3
*SPAN 1152 Spanish III	3	*MATH 1210 Finite Mathematics	3
*MATH 1100 College Algebra Concepts		*PHYS 1210 The Language of Science or	
Modeling and Technology	3	GEOG 2350 Earth Science	3
*HEDU 1531 Health	2	*HIST 1320 World Societies	3
*PEDU 1541 Fitness	2	*SOCL 2100 Principles of Sociology	3
*HUSC 1521 Dimensions of Learning	2		
Total credits	15	Total credits	15

SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
*BIOL 1100 General Biology	3	*PHIL 2210 Ethics	3
=SOCW 2500 Social Work as a Profession	3	=SOW 3700 Human Diversity in Social Work Practice	3
+PSY 2100 General Psychology	3	+HIST 3510 African American History to 1865 or African American History since 1865 or HIST 1530 or 1540	3
+HIST 2210 U.S. History to 1865 or HIST 2220 U.S. History since 1865	3	=SOCW 3410 Social Welfare as an Institution	3
*HUM 2410 Arts & Humanities	3	+POLS 2100 American Government	3
+ECON 2200 Principles of Macroeconomics	3	Elective	3
Total credits	18	Total credits	18

JUNIOR YEAR

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
+SOCL 4210 Demography	3	+ENG 2105 Introduction to Tech Writing	3
*ENG 1250 Elements of Speech	3	=SOCW 3600 Human Behavior and Social Environment II	3
=SOCW 3420 Social Policy and Community Resources	3	=SOCW 3610 Interventive Methods in Helping Professions I	3
=SOCW 4310 Introductory Statistics for Social Workers	3	=SOCW 4300 Applied Research in Social Work	3
=SOCW 3500 Human Behavior and Social Environment I	3	+ENG 2340 Introduction to African American Literature	3
Total credits	15	Total credits	15

SENIOR YEAR

<i>Fall Semester</i>	<i>Credits</i>	<i>Spring Semester</i>	<i>Credits</i>
=SOCW3620 Interventive Methods in Helping Professions II	3	=SOCW 4410 Senior Seminar	3
=SOCW 4400 Evaluative Methods in Social Work Practice	3	=SOCW 4120 Field Practicum II	5
=SOCW 4110 Field Practicum I	5	Electives	6
+GEOG 2020 Geographical Information Systems	3		
Total credits	14	Total credits	14

Distribution of Hours

* Core Curriculum Courses	42
+ Non-Major Social and Behavior	
Science Foundation Courses	27
.....	

= Required Social Work Major Courses	46
Electives	9
Total Credit Hours	24

SOCIAL WORK PROFESSIONAL COURSE DESCRIPTIONS

SOCW 2500. Social Work as a Profession (3)

This course is one of the two prerequisites to all subsequent social work courses and is designed to provide an introduction to the development, fields and knowledge and value base of the social work profession and the general principles underlying the process of giving and receiving help.

SOCW 3410. Social Welfare as an Institution (3)

This course is a prerequisite to all subsequent social work courses. The course is designed to provide the student with a comprehensive introduction to the broad framework of social welfare activities and to social work as a profession. Students are introduced to the philosophy, values and methods of the social welfare system. Students are introduced to the philosophy, values and methods of the social welfare system.

SOCW 3420. Social Policy and Community Resources (3) Prerequisites: SOCW 2500, SOCW 3410. This course examines the processes and issues associated with decision-making within the social welfare sector. The essential focus of the course is on various conceptual approaches to the solution of human problems within a market economy resulting from the unequal distribution of resources.

SOCW 3500. Human Behavior and the Social Environment (3) Prerequisites: SOCW 2500, SOCW 3410: An examination of bio-psycho-social determinants of behavior at each stage of the life course. The essential focus is upon adaptive and maladaptive behavior. That may occur at the varying life course stages and levels of environmental influence on behavior.

SOCW 3600. Human Behavior and the Social Environment II (3) Prerequisites: SOCW 2500, SOCW 3410, SOCW 3500. This course employs systems theory and social entities such as culture, communities, and formal organizations. Groups and families are conceptualized as macro, mezzo, and micro systems that form the social environment of the individual. The course is

based on the social work principle that human behavior and problems are determined by interaction between individuals and macro, mezzo and micro systems by which they are surrounded.

SOCW 3610. Interventive Methods in the Helping Professions (3) Prerequisites: SOCW 2500, SOCW 3410, SOCW 3420, SOCW 3500, SOCW 3600. An introduction to the practice methods component of the social work concentration. The knowledge, skills and value orientations acquired serve as a basis for the field placement practicum. The course focuses upon the nature of social work as a field of study and its methods of intervention. The student is expected to develop a beginning conceptualization of the generic knowledge, values and skills essential to the practice of social work.

SOCW 3620. Interventive Methods in the Helping Professions II (3) Prerequisites: SOCW 2500, SOCW 3410, SOCW 3420, SOCW 3500, SOCW 3600, SOCW 3610. A continuation of SOCW 3610. This course, which is taken simultaneously with SOCW 4110, serves as a technical laboratory for the integration and application of theory and practice for planned change.

SOCW 3700. Human Diversity and Social Work Practice (3) Prerequisites: SOCW 2500 This course aims to provide students with knowledge and skills for social work practice with disadvantaged and oppressed people. Such people in the United States typically include people of color, women, people with disabilities, gay and lesbian people, and poor people. This course will also utilize ethnographic methods, enhance student's capacity to understand diversity. Furthermore, the class will examine the internal adaptive strengths and external assets of disadvantaged and oppressed people and how these capabilities can be used in effective social work practice. Students should leave this course with a better understanding not only of themselves, but also diverse groups and human behavior in the social environment (HBSE).

SOCW 3950. Social Work and Elderly (3) Prerequisites: SOCW 2500. Introduction to aging and geriatrics - emphasis will be placed on aging

and demographic data; problems of aging; treatment and management of facilities for the aging; analysis of selected social factors and their impact on older persons.

SOCW 4000. Child Welfare (3)

Prerequisites: SOCW 2500, SOCW 3410: This course is designed to introduce students to the field and practice of child welfare. The primary focus is upon the history, conceptual base, and practice skills essential to the field. Child welfare services are viewed as helping to support and stabilize families and where this is not possible provide healthy placements for children through foster care and adoption. The course is approved by the State Division of Social Services the North Carolina Child Welfare Education Collaborative.

SOCW 4110, 4120. Field Experience and Practice I, II (5, 5). Prerequisites: SOCW 2500, SOCW 3410, SOCW 3420, SOCW 3500, SOCW 3600, SOCW 3610, SOCW 3620, SOCW 3700: The two segments of this course provide a structured milieu through which the social work practice theory acquired in the classroom is applied to real people and problems. The student, via this practice experience is expected to begin to take on the adult role of the professional social worker. The process of socialization into this adult role is expected to cause the student to experience considerable growth as a person and as a professional social worker. The student is engaged in the process of assessing and integrating knowledge, values and ethics germane to the practice of social work.

SOCW 4300. Applied Research in Social Work. (3) Prerequisites: SOCW 2500, SOCW 3410, SOCW 3420, This course provides students an opportunity to build upon and sharpen the knowledge and skills acquired in lower level research methods courses. As an upper-level course, it is structured as a classroom-based, supervised practicum in the design and implementation of research focused on issues relevant to social work practice. Classroom activities involve the analysis of topics germane to the implementation of social research, ethical guidelines, statistical techniques, and methodological designs. Out-of-class activities

focus on the application of research strategies to problems and issues associated with the local community's social services delivery with a specific focus on organizational analysis and outcome measures.

SOCW 4310. Introductory Statistics for Social Work. The purpose of this course are to provide students with a firm foundation in descriptive statistics, univariate inferential statistics, analysis of variance, and multiple regression. The course focuses upon the application of these basic statistical concepts to issues related to social work theory and practice.

SOCW 4400. Evaluative Methods in Social Work Practice. Prerequisites: SOCW 2500, SOCW 3410, SOCW 3420, SOCW 3500, SOCW 3600, SOCW 3610, SOCW 3620, SOCW 3700, SOCW 4300, SOCW 4310. This course provides "hands-on" experiences with evaluating the outcomes of social work practice. Students apply basic research and statistical methods to the analysis of practice outcomes and to the evaluation of their own experience.

SOCW 4410. Senior Seminar in Social Work Prerequisites: SOCI 4600, SOCW 2500, 3410, 3420, 3500, 3600, 3610, SOCW 3620, SOCW 3700, SOCW 4300, SOCW 4310, SOCW 4400. A task force approach to evaluation of social work practice with a focus on macro systems while demonstrating the synergy between all levels of systems (micro, mezzo, and macro). The essential focus is upon the impact of social services programs and activities on minority and at risk populations. Students are also expected to develop a portfolio demonstrating the attainment of the knowledge, values, and competencies associated with the ten curriculum content areas as specified in the CSWE Curriculum Policy Statements.

Sociology

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The Department of Sociology offers programs of study leading to the Bachelor of Arts and Master of Arts degrees in Sociology.

Sociology is the study of human behavior and the social context within which human behavior occurs. Human behavior can refer to what is happening among people in small intimate groups, students in a classroom, people in a large business organization, or countries negotiating with one another.

A major focus of the discipline of Sociology is social inequality. Through course lectures, readings, and discussions in the Sociology program, students learn about social inequalities and disparities based on attributes such as race, ethnicity, social class, gender, sexual orientation, political affiliations, and health. These inequalities are present in the business world, the law and criminal justice system, health and health care, economics, education, the environment, housing, social attitudes, social relationships, and the list continues. Sociology students learn to discover the variety of reasons that drive and perpetuate social inequalities, and to consider and evaluate the consequences of various social inequalities and disparities.

W.E.B. Du Bois was a pioneer in the development of sociology in the United States. Through studying his innovative work in demography, ethnography, anthropology, urban life, business and labor, family, religion and morality, and crime, students can examine the intersection of race, ethnicity, class, and gender in society and the workplace. The contributions of African American sociologists (e.g., Du Bois, Davis, Mays, Frazier, Himes, Billingsley, Anderson, and Wilson) to the study of social inequality and the human condition are studied in SOCI 2600. Other Sociology courses

also highlight the contributions of African American Sociologists.

Since 2006 the majority of the humans on earth live in cities. Internationally, cities have come to dominate living styles. Following the lead of the Chicago School, cities are known for their size, density and heterogeneity, and the mixing of people of different economic, national, and racial origins. Many social policies have been put forth to control how cities function when all the citizens are minorities. Using behavioral results, such policies can be evaluated both historically and empirically. Such skills are important for those who are seeking jobs in government, education, social services and for becoming an informed citizen.

Competence in analyzing and interpreting tables, charts, graphs, and similar skills is now required in most jobs, including human resource departments, social service agencies, and especially in scientific and business careers. The development of the Web has made many tools available to collect and interpret data without expensive upfront costs. In Sociology courses students learn skills such as analyzing tables and other data, working in groups, writing reports, making presentations, and using computer software. Completion of a Sociology degree will provide a student with skills to interpret both small scale surveys and larger data sets, useful for those seeking careers in research, family and governmental resource centers, businesses, or governmental agencies. In addition, graduate and professional entry examinations (e.g., GRE, GMAT, LSAT, MCAT) for the sociology major and for those interested in careers such as business, law, and medicine emphasize the interpretation of tables, charts, graphs and similar skills that are learned in Sociology courses.

The Department of Sociology strives to work with students to help realize their service-oriented goals through the creation of community-based learning environments that provide opportunities for both service- and project-based experiences. Service-learning courses highlight both the intent and impact that community involvement has for our society. Upon completion of service-learning

courses students will be able to form an action plan for serving the community. The emphasis is on applying what is learned in the classroom to foster solid community citizens through education and service. Service-learning courses also provide students with opportunities to consider social service occupations, such as working with specific age groups (children, teens, adults, or older adults), or with people that have problems or disparities.

The Sociology Department also provides educational and professional opportunities for students outside of the classroom. The department hosts colloquia that bring top scholars to campus who engage in important and exciting work on interesting topics. There are multiple opportunities for students to work together on projects and give group presentations. The Sociology Club and Alpha Kappa Delta, the International Sociology Honor Society, give students opportunities to do volunteer work at the local, national, and global levels. In addition, both organizations help students build leadership skills.

For students who wish to pursue further education, the undergraduate Sociology program prepares them for professional degree programs in law, education, business, counseling, criminal justice, psychology, and public policy in addition to Sociology. For those planning to embark on a career immediately upon graduation, the program prepares them to serve as research statisticians, career placement workers, counselors, affirmative action coordinators, public relations officers, legislative assistants, community and social service workers, peace corps volunteers, public health supervisors, police officers, market researchers, demographers, parole officers, substance abuse counselors, case managers/social workers, census researchers, data analysts/social researchers, admissions counselors, child care workers, corrections officers, journalists, sales managers, human rights officers, teachers, special agents of the FBI or SBI, real estate agents, public survey workers, criminal investigators, ministers/priests/preachers, public housing directors, state troopers, advertising executives, or public health educators.

Admission Requirements:

1. Continuing students wishing to major in Sociology must have a cumulative grade point average of at least 2.0.
2. Sociology majors are required to receive a grade of C or higher in **all** required Sociology courses, including Sociology elective courses.

Requirements for the Bachelor of Arts Degree in Sociology

1. Complete a minimum of 124 semester hours with a cumulative grade point average of at least 2.0. The last 30 hours must be completed at NCCU.
2. A cumulative grade point average of at least 2.0 in Sociology Major courses.
3. Freshmen and sophomore years: complete the General Education Curriculum (GEC) Program.
4. Complete one Writing-Intensive and one Speaking-Intensive course.
 - a. SOCI 2500, Marriage and the Family, is designated as a Writing-Intensive course.
 - b. SOCI 4520, Medical Sociology, is designated as a Speaking-Intensive course.
5. Non-departmental required courses:
 - a. Complete two of the following: GEOG 1000, POLS 2100, PSY 2100.
 - b. Complete ENG 1250 and ENG 2105
 - c. Complete PHIL 2210 and PHIL 2300
6. Departmental required courses: SOCI 2100, 2400, 2500W, 2600, 3200, 3250, 3220, 3600, 3700, 4210, 4320, 4500, 4520S, and 4700.
7. Sociology elective courses: three (3) additional Sociology courses that are not listed above. Only SOCW 2500, 3420, and 4210 may be used as Sociology electives without departmental permission.

Sociology Minor

Students choosing to minor in Sociology must complete a minimum of 23 semester hours in Sociology in addition to their major course requirements. Students choosing this minor must complete the following courses: SOCI 2100, 2400, 3200, 3220, 3600, 3700, and one other Sociology course chosen as an elective.

Four-Year Curriculum Plan in Sociology

Freshman Year

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 Eng Comp I	3	*ENG 1210 Eng Comp II	3
*Math 1100 College Algebra	3	*MATH 1110 Intro to Stats	3
*HUSC 1521 Dim of Learning	2	*GEOG 1000/POLS 2100/PSY 2100	3
*HEDU 1531 Health	2	*HUM 2410 Arts & Hum	3
*PEDU 1541 Fitness	2	*Foreign Language II	3
*Foreign Language I	3		

Sophomore Year

Fall Semester	Credits	Spring Semester	Credits
SI-ENG 1250 Speech	3	WI - ENG 2105 Technical Writing	3
*HIST 1320 World Societies	3	*PHIL 2300 Logic	3
*PHIL 2210 Ethics	3	*SOCI 2100 Principles of Soc	3
*GEC Science requirement	3-4	*GEC Science requirement	3-4
*Foreign Language III	3	GEOG 1000/POLS 2100/PSY 2100	3

Junior Year

Fall Semester	Credits	Spring Semester	Credits
+ #SOCI 2400 Social Psychology	3	+SOCI 3220 Amer Minority Grps	3
+SOCI 2500W Marriage & Family	3	+ #SOCI 3200 Developmt of Theory	3
+SOCI 2600 African Amer Soc	3	+ #SOCI 3600 Social Statistics	4
\$SOCI Elective	3	\$SOCI Elective	3
General Elective courses	4	\$General Elective course	3

Senior Year

Fall Semester	Credits	Spring Semester	Credits
+SOCI 4210 Demography	3	+SOCI 4700 Capstone Course	4
+SOCI 3700 Research Methods	4	+SOCI 4320 Soc of Urban Life	3
+SOCI 4520S Medical Sociology	3	\$SOCI Elective	3
+SOCI 3250 Contemp Theory	3	\$General Elective courses	4-6
\$General Elective course	3		

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours:

- + Major required courses in Sociology
- * General Education Curriculum Requirements
- \$ Electives
- # Minor electives
- WI Writing Intensive
- SI Speaking Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Sociology Course Descriptions

SOCI 2000. Global Societies and Human Behavior (3)

The study of global societies and cultural organization with emphasis on diversity in human behavior. The course includes a cross-cultural focus on families, economies, governments, values, beliefs, attitudes, and customs. (Laboratory work required).

SOCI 2100. Principles of Sociology (3)

In this course students are introduced to the sociological imagination and invited to practice the sociologist's craft. A basic theoretical and methodological foundation is provided so that students can begin to test sociological knowledge claims. Throughout the semester students will explore such issues as social structure, culture, socialization, deviance, stratification, the family, demographic processes, and social change.

SOCI 2200. Introduction to Cultural Anthropology (3)

Prerequisite: SOCI 2100 or SOCI 2000. This course introduces students to some of the major principles and concepts of cultural anthropology and ethnography. Topics covered will include the nature of culture, cultural change, ethnographic semantics, linguistic anthropology, culture and personality, non-industrial societies, marriage and family, and kinship. Students will also be introduced to several cross-cultural data sets.

SOCI 2300. Environment, Economy and Society (3)

Prerequisite: SOCI 2100 or SOCI 2000. This course will provide an in-depth analysis of the social consequences of the economy and modern societal behavioral trends on the natural and social environment. Specific emphasis is placed on issues relating to environmental health, toxic waste and cleanup, social and natural disasters and hazards, and to the social, political, and economic responses to these concerns.

SOCI 2400. Social Psychology (3)

Prerequisite: SOCI 2100 or SOCI 2000. This course emphasizes an understanding of the important methods, terms, micro-theoretical perspectives, and findings in the field of social psychology.

Social psychology is the scientific field that seeks to understand the nature and causes of individual behavior and thought in social situations.

SOCI 2500-WI. Marriage and the Family (3)

Prerequisite: SOCI 2100 or SOCI 2000. The cross-cultural study of the development and organization of the institutions of marriage and the family. This is a writing intensive course.

SOCI 2600. African American Sociologists (3)

Prerequisite: SOCI 2100 or SOCI 2000. W.E.B. Du Bois was a pioneer in the development of sociology in the United States. Other notable African American sociologists include Davis, Mays, Frazier, Himes, Billingsley, Anderson, and Wilson. Through studying their innovative work in sociology and the social sciences, students can examine the intersection of race, ethnicity, class, and gender in society, the neighborhood, and the workplace.

SOCI 3000. Introduction to Social Gerontology (3)

Prerequisite: SOCI 2100 or SOCI 2000. An examination of the demographic effect of aging on the family, work, health, recreation, religious, education, economic, and political systems. This course will focus on the aging process, and aspects of health, economics, and social support that older persons encounter. This course also will examine international and cross-cultural trends of aging.

SOCI 3200. The Development of Sociological Theory (3)

Prerequisite: SOCI 2100 or SOCI 2000. A Systematic study of the major classical theorists. Emphasis is placed on the development of a conceptual framework basic to an understanding of sociological literature and research.

SOCI 3210. Social Differentiation and Inequality (3)

Prerequisite: SOCI 2100 or SOCI 2000. A study of the distribution of power, wealth, and prestige within societies, and the social and cultural consequences of this distribution. The course examines from a global perspective why the categories of race, class, gender, ethnicity, and sexuality are socially constructed, maintained, and experienced.

SOCI 3220. American Minority Groups (3)

Prerequisite: SOCI 2100 or SOCI 2000. This course focuses on the number, size, initial contact with America, and social characteristics of major American minority groups. The emphasis is on race, ethnicity, gender, sexual orientation, and age as major sources of minority status. Emphasis is on the analysis of major problems of intergroup relations using techniques of small area demographic analysis.

SOCI 3250. Contemporary Sociological Theory (3)

Prerequisite: SOCI 3200. This course is a continuation of SOCI 3200 in which the theoretical works of 20th century sociologists are examined. Emphasis is placed on the continuation of the development of a conceptual framework basic to an understanding of sociological literature and research that was initiated in SOCI 3200.

SOCI 3300. Criminology (3)

Prerequisite: SOCI 2100 or SOCI 2000. This cross-cultural study examines a wide range of criminological perspectives, while highlighting the influence of criminological thought on today's crime-control policies. It also focuses on crime prevention, offender rehabilitation or treatment, and victim restoration. It addresses the issue of whether crime is a matter of individual responsibility or merely a form of social pathology.

SOCI 3600. Sociological Statistics (4)

Prerequisite: MATH 1110. A study of statistical concepts such as correlation, sampling, and probability. The student will learn to use statistics to test hypotheses using chi square, regression, and other techniques. (Computer lab work is required)

SOCI 3700. Sociological Research (4)

Prerequisite: SOCI 3600. This course is an overview of the three primary sociological research techniques: qualitative, quantitative, and comparative historical methods. Particular emphasis will be placed on how sociological methods may be triangulated for greater depth of research on social phenomena. Students will be challenged to use such research techniques as sampling, developing questionnaires (including

devising skip patterns), conducting interviews, use of SPSS, data set selection, collection, and analysis, and on dissemination of research findings. (Computer laboratory work is required.)

Sociology Course Descriptions for Advanced Undergraduate and Graduate Students

SOCI 4040. Sociology of Religion (3)

Prerequisite: SOCI 2100 or SOCI 2000. Religion is a major social institution, an agent of social change and a mechanism of social control. While cross-cultural differences in religiosity will be explored, an analysis of the U.S. religious economy is also provided. Issues addressed over the semester include: major classical and contemporary sociological paradigms, congregational analysis, religiosity, religious socialization, the sociology of the Black Church, secularization, and ecological analysis.

SOCI 4210. Demography (3)

Prerequisite: SOCI 2100 or SOCI 2000. This course provides an introduction to major demographic concepts, processes, trends, and commonly used techniques on demographic analysis. The essential focus is on the United States, while also improving the students' perception of global population trends and their interrelatedness.

SOCI 4220. Globalization, Business and Society (3)

Prerequisite: SOCI 2100 or SOCI 2000. This course examines the role of large scale corporations and entrepreneurial enterprises in society experiencing globalization. The focus will be on the link between business organizations and other institutions within society as well as conditions within society that promotes vigorous economic growth and the well-being of the population.

SOCI 4250. Society and Law (3)

A study of basic law as it pertains to selected issues and environmental situations met by persons working in applied social science fields. The course will prepare students to recognize and question possible violations of client/patient rights. Law will be studied as an available resource to aid clients/patients in the helping process. Students will engage in a service learning activity designed to address an identified local

community issue using the information taught in this course.

SOCI 4310. Sociology of Complex Organizations (3)
Prerequisite: SOCI 2100 or SOCI 2000. A study of the structure and dynamics of large scale organization such as corporations, educational institutions and governments. Stress will be placed on ecological, technological, and cultural forces that shape these organizations as well as their impact on society.

SOCI 4320. The Sociology of Urban Life (3)
Prerequisite: SOCI 2100 or SOCI 2000. The majority of humans in the world now live in urban settings. This course examines the city in its global setting with a focus on the patterns of community development in the Durham region as an example of the economic, ecological and behavioral consequences of globalization, population mobility and density.

SOCI 4330. Collective Behavior and Social Movements (3)
Prerequisite: SOCI 2100 or SOCI 2000. A study of potentially disruptive and nonofficial behaviors such as riots, panics, fads, rumors, protests, disasters, and social movements. These disruptive social phenomena will be described and analyzed from different theoretical perspectives that stress their ecological and cultural origins. Collective behavior's local and global implications will also be examined.

SOCI 4500. The Sociology of Education (3)
Prerequisite: SOCI 2100 or SOCI 2000. The course analyzes the roles education plays in a globalizing world. Employing different theoretical perspectives, it examines research on school's role

in moral, political, and economic socialization, and its role in social stratification through ascription as well as achievement. Emphasis will be on the school as an organization, education's relation to other social institutions and the community, and the structure and dynamics of classrooms.

SOCI 4520-SI. Medical Sociology (3)
Prerequisite: SOCI 2100 or SOCI 2000. An examination of the relationship of socio-cultural factors in the nature, conception, and treatment of disease and illness; the institutionalization of the healing professions, and the impact of the doctor-patient relationship. The course also focuses on international examples of health care plans. This is a speaking intensive course.

SOCI 4700. Sociology Capstone Course (4)
Prerequisite: Senior status and successful completion of SOCI 3200, 3250, 3600, and 3700. This is a capstone seminar course in which students will engage in learning activities to integrate the theory, research, and conceptual knowledge learned in Sociology courses. Students will work to produce final research projects that will be formally presented at the end of the semester.

SOCI 4900. Independent Study in Sociology (3)
Prerequisite: SOCI 2100 or SOCI 2000. This course is designed to encourage students to learn sociological ideas independently. A number of prescribed sociology textbooks are expected to be read and the contents mastered within a specified time period. Chairperson's permission required.

College of Liberal Arts

Mary T. Mathew, Interim Dean
 Michele S. Ware, Interim Associate Dean
 Telephone: (919) 530-6798
 Fax: (919) 530-6790
 Office: 115 Farrison-Newton Communications Building

Mission

The mission of the College of Liberal Arts of North Carolina Central University is to prepare its students to succeed in the fields of English, History, Music, Theatre, Visual Arts, Mass Communication, Modern Foreign Languages, Military Science, and Aerospace Studies, by offering them rich theoretical knowledge and relevant practical skills to help them excel intellectually, artistically, and professionally. As a reflection of the cultural and intellectual diversity of the global community, the College will promote multicultural learning, interdisciplinary collaboration, top-rated research, and state-of-the-art technology. The College will set high goals in recruitment, enrollment, retention, and the ideals of dedicated community service. The mission of the College will uphold at all times emphatic recognition of the core values of the humanities, genuine commitment to scholarship and teaching, academic integrity, and principle-centered leadership.

Vision

The vision of the College of Liberal Arts is to maintain high levels of academic excellence and to be recognized as a body of outstanding leaders in the fields of English, Mass Communication, History, Music, Theatre, Visual Arts, Modern Foreign Languages, Military Science, and Aerospace Studies. We shall partner across disciplines and cultures to represent and integrate the best of arts and humanities nationally and globally. Our goal is to train students to be creative critical thinkers who are equipped with impressive leadership skills, social consciousness, and outstanding professional values.

Departments

Aerospace Studies & Military Science
 Art
 English and Mass Communication
 History
 Modern Foreign Languages
 Music
 Theatre

Aerospace Studies & Military Science

Aerospace Studies

Richard Fletcher, Director of Undergraduate Studies
 Telephone: (919) 660-1869
 fax: (919) 660-1871
 e-mail: ref10@duke.edu

The Air Force Reserve Officer Training Corps (AFROTC) functions as the Office of Aerospace Studies. It selects, trains, and commissions college men and women as officers in the US Air Force. AFROTC is a four-year curriculum leading to a commission as a second lieutenant, but can be accomplished in as little as two or three years under certain circumstances.

The four-year program consists of both the General Military Course (GMC), a course sequence taken during the freshman and sophomore years, and the Professional Officer Course (POC), taken during the junior and senior years. Entry into the POC is competitive and requires successful completion of a field-training encampment during the summer between the sophomore and junior years. The GMC is open to freshmen and sophomores. Students who complete both the freshman and sophomore years of the program and successfully compete for entry into the POC will attend a four-week training encampment. All other successful POC applicants that entered the program after their freshman year will attend an extended encampment. Between the junior and senior years, POC cadets are given the opportunity to volunteer for advanced training in a variety of different areas.

The freshman class is taught at NCCU and Duke University. All other AFROTC courses are taught at Duke University. Students will register for the freshman course at NCCU just as they do for any other course. Leadership Laboratory is mandatory for all Air Force ROTC cadets and must be taken in conjunction with each course.

Cadets may compete for two- and three-year scholarships. The scholarships pay up to full tuition, a \$900 book allowance, and include a monthly tax-free stipend of up to \$500. Even if not on scholarship, members of the POC receive a nontaxable stipend. Upon graduation, all cadets are assigned to active duty with the US Air Force for a period of at least four years. Direct inquiries to the Department of Aerospace Studies, 262 Trent Hall (Duke's west campus), (919) 660-1869.

Military Science – Army ROTC

Visiting Professor Mark Tribus, Lieutenant Colonel, U.S. Army, Chair and Supervisor of Junior and Senior Instruction

Visiting Assistant Professor Megan Mangan, Major, U.S. Army Reserve, Supervisor of Freshman and Sophomore Instruction
Telephone: (919) 530-7195
Fax: (919) 530-7194

The Department of Military Science offers students from all disciplines within the university an opportunity to study the following subjects: leadership theory and practice; management of time, personnel, and materiel; ethics; the role and responsibility of the military in a contemporary society; and the philosophy and practice of military strategy and tactics. Freshman and sophomore level courses are open to all NCCU students and do not require full participation in the Army ROTC program.

The leadership laboratory provides students a unique and dynamic hands-on-leadership experience in addition to an opportunity to put military skills and tactics into practice. The laboratory is offered as an optional course for non-program students enrolled in the freshman courses; it is mandatory each semester for contracted cadets (both scholarship and non-scholarship) and for students who intend to

contract or apply for a scholarship.

The Army ROTC program is made up of a two-year basic course of study (freshmen and sophomore level) and a two-year advanced course of study (junior and senior level) which includes a five-week leadership camp, usually completed during the summer prior to the senior year. To be eligible for participation in the advanced course, students must successfully complete the basic course (unless direct entry is approved), be physically qualified, be of good moral character, be a U.S. citizen, have a minimum of two years remaining as a student (undergraduate or graduate level), and sign a contract to accept a commission in the United States Army, the Army National Guard, or the Army Reserve as directed by the Secretary of the Army. Direct entry into the advanced course is sometimes permitted if an applicant has previous military training or experience, or when a five-week leader's training course is completed.

Students who are interested in full program enrollment and scholarship opportunities should consult the Department of Military Science (telephone 919-5307195 or 919-660-3090 or 1-800-222-9184 toll free) for more detailed information.

MSC 0001. Leadership Laboratory. (1) (Fall semester only.) Introduces students to basic Army operations; includes team building, map reading, first aid, confidence training, rifle marksmanship, drill and ceremonies, Army doctrine and small unit tactics. Must be repeated with each fall semester course. Instructor: Staff.

MSC 0002. Leadership Laboratory. (1) (Spring semester only). Introduces students to basic Army operations; includes team building, map reading, first aid, confidence training, rifle marksmanship, drill and ceremonies, Army doctrine and small unit tactics. Must be repeated with each spring semester course. Instructor: Staff.

MSC 0011. Fundamentals of Leadership and Personal Development. (2)

This course is designed to inspire an interest in the principles and practices of leadership and to explore how these high-impact principles and practices might be applied at Duke, in the military, and to the civilian world work. The course will explore topics such as values-based behavior [courage, trust, ethics], leadership and management, power and authority, individual motivation, cohesion, team and group effectiveness, and crisis leadership. Laboratory required for ROTC cadets. Instructor: Staff, Half course.

MSC 0012. Applies Leadership theory and principles. (2)

Develop your ability to be an effective leader and manager through exposure to leadership and developmental theories, principles and practices by building on concepts learned in MILITSCI 11S. students will practice leadership fundamentals such as problem-solving and presentation skills, and develop an appreciation of the historical and cultural complexity of the environment in which military officers apply leadership techniques. Laboratory required for ROTC cadets. Instructor: Staff. Half course.

Art

Melvin J. Carver, Chairperson
 Telephone: (919) 530-6391
 Fax: (919) 530-7632
 Email: mcarver@nccu.edu

The goals of the Department of Art are (1) to ensure the cultivation of intellectual curiosity and critical thinking, (2) to encourage the acquisition of the prerequisite knowledge, attitudes and skills for one's vocation, (3) to ensure that students meet the requirements of accrediting agencies and professional groups, (4) to offer programs that provide high returns on college investments.

The Art Education Program is designed to prepare the student for a career in the teaching of art at the elementary and secondary levels. The student who completes this program receives an 'A' teaching license in art.

The Department of Art General Program embraces three areas of concentration: Visual Communications, Studio, and Art Studies.

The Visual Communications Concentration prepares the student for fields of specialization in graphic design, advertising, and other associated areas of commercial communication. Students investigate the use of art as a means of communication in these specialized areas.

The Studio Concentration is designed for the student who wishes to concentrate in one of the following disciplines: painting and drawing, printmaking, sculpture, or ceramics. Students in this program are encouraged to continue to study at the graduate level.

Art Studies Concentration is focused on the practice and theory of art, which provides the foundation for students' independent exploration and artistic development.

Course Requirements for the Bachelor of Arts in Art

Art Education Program

1. A minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 semester hours must be completed at NCCU.
2. Freshmen and sophomore years: Completion of the General Education Curriculum (GEC).
3. Art core requirements: ART 1200, 1500, ARTF 2110, 2120, 2310, 2320.
4. Art Education Program requirements; ARTE 2610, 2620, 3610, 4610, AND 4620, ARTF 3210, 3410, 3510, 3710, and 4310; one course in Art History to be selected from either ART 2010, 2020, 3010, or 3020; ARTF 3210, 3410, 3510, 3710, 4310, and EDU 2600, 2800, 3000, 3010, 3120, 3150, 3170, 4101, 4201, and 4520.
5. Completion of courses from one of the following three art areas:
 - 3-D; RTE 3710, 3720, ARTF 3410, 3510, and either 3420 or 3520.
 - Graphics: ARTF 2830, 2150 and 4320
 - Drawing/Painting: ARTF 3100, 3210, 3220, and/or 4200

Visual Communications Concentration:

1. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 semester hours must be completed at NCCU.
2. Freshmen and sophomore years: Completion of the General Education Curriculum (GEC).
3. Core requirements: ART 2110, 2120, 2310, 2320, 1200, 1500.

4. Visual communications concentration requirements: ARTV 2150, 2830, 3150, 3800, 3830, 3810, 3820, 3850, 3860, 4150, 4820, 4840, 4880, MSCM 3580, AND a 3-credit hour course in English & Mass Communications as an elective; ART 3010, 3020; ARTF 3210, 3410, or 3510, 4310 and 4320.

Studio Concentration:

1. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 semester hours must be completed at NCCU.
2. Freshman and sophomore years; Completion of the General Education Curriculum (GEC).
3. Basic art core requirements: ART 1200, 1500, 2110, 2120, 2310, and 2320.
4. Studio concentration requirements: ARTF 3100,

3140, 3210, 3220, 3410, 3420, 3510, 3520, 4310, 4320, and 4900. The following art history courses are required: ART 2010, 2020, 3010, and 3020.

Art Studies Concentration:

1. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 semester hours must be completed at NCCU.
2. Freshman and sophomore years: Completion of the General Education Curriculum (GEC).
3. Basic art core requirements ART 1200, 1500, 2010, 2020, 2110, 2120, 2310, 2320, 3010, and 3020.
4. Fifteen hours of general art electives for a total of 60 art hours.

Note: Non-art majors may be admitted to art courses with the consent of the instructor.

Many courses listed in these unit plans are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum for Art Studies Concentration**Freshman Year****Fall Semester**

			Credits	Credits
+ART	1500	Survey of Art	3	3
+ARTF	2110	Drawing I	3	3
+ARTF	2310	Design I	3	3
*ENG	1110	English Comp I	3	3
*MATH		Math	3	3
HUSC	1521	Dimensions in Learning	2	2

Sophomore Year**Fall Semester**

			Credits	Credits
+ARTV	2150	Intro Computer Graphics	3	3
+ARTF	3100	Figure Drawing I	3	3
*HUM		Arts and Humanities I or II	3	3
*SOC SCI		Social Science	3	3
*MFL		Foreign Language I		3

Junior Year

			Credits	Credits
+ART		Art History	3	3
+ARTF	3210	Painting I	3	3
+ARTF	3410	Ceramics I	3	3
*MFL		Foreign Language Level III	3	3
*PEDU	1541	Fitness	2	3

Senior Year

			Credits	Credits
+ARTF	4310	Printmaking I	3	3
+ARTF	4900	Advanced Studio	3	3
<ARTF	3980	Independent Study	3	3
&ELEC		Elective	3	3
%EDUC	4520	Photography	3	

Revised 2009**Distribution of Hours**

*	Core Curriculum Courses: 42
+	Art Studies Concentration: 57
%	Non-Department Required Courses: 6
<	Suggested electives: 15
&	Electives: 3
Total:	126

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can

Students are advised to enroll in Summer School to relieve course loads per semester

Four-Year Curriculum For Studio

Freshman Year

Fall				Credit	Spring				Credit
+ART	1500	Survey of Art		3	+ART	1200	African American Art		3
+ARF	2110	Drawing I		3	+ARTF	2120	Drawing II		3
+ARF	2310	Design I		3	+ARTF	2320	Design II		3
*ENG	1110	English Comp I		3	*ENG	1120	English Comp II		3
*MAT		Math		3	*MATH		Math		3
*HUC	1521	Dimensions in Learning		2	*HEDU	1531	Health		2

Sophomore Year

Fall				Credit	Spring				Credit
+ART	2010	Ancient Art History		3	+ART	2020	Medieval Art		3
+ARF	3100	Figure Drawing I		3	+ARTF	3140	Figure Drawing II		3
*SCI		Science		3	*MFL		Foreign Language II		3
*HUM		Arts and Humanities I or II		3	*HIST	1320	World Societies		3
*PEDU	1541	Fitness		2	*SCI		Science		3
*MFL		Foreign Language I		3					

Junior Year

Fall				Credit	Spring				Credit
+ART	3010	Renaissance Art		3	+ART	3020	Modern Art		3
+ARF	3210	Painting I		3	+ARTF	3322	Painting II		3
+ARF	3410	Ceramics I		3	+ARTF	3420	Ceramics II		3
*MFL		Foreign Language Level III		3	+ARTF	3510	Sculpture I		3
*SSCI		Social Science		3	<ART		Elective		3

Senior Year

Fall				Credit	Spring				Credit
+ARF	4310	Printmaking I		3	+ARTF	4320	Printmaking II		3
+ARF	4900	Advanced Studio		3	+ARTF	3520	Sculpture II		3
+ARF	3980	Independent Study		3	+ARTF	3980	Independent Study		3
&ELE		Elective		3	+ART	4900	Advance Studio		3
%EDU	4520	Photography		3	< ART		Elective		3

Revised 2009

Distribution of Hours

*Core Curriculum Courses: 42
 +Art Studio Concentration: 72
 %Non-Department Required Courses: 3
 <Suggested Electives: 6
 &Electives: 3
 Total: 126

Students are advised to enroll in Summer School to relieve course loads per semester.

Four-Year Curriculum For Art Education/ Sculpture & Ceramics

Freshman Year

Fall			Credit	Spring			Credit
+ART	1500	Survey of Art	3	+ARTF	2120	Drawing II	3
+ARTF	2110	Drawing I	3	+ARTF	2320	Design II	3
*ENG	1110	English Comp I	3	*ENG	1120	English comp II	3
*HIST	1320	World Societies	3	*HIST	1320	Soc/Spatial Org	3
*SCI	1220	Science Odyssey	4	*HUM	2410	Arts/Humanities I	3
*HEDU	1531	Health	2	MFL		Foreign Language I	3

Sophomore Year

Fall			Credit	Spring			Credit
+ART	1200	African American Art	3	+ARTF	3510	Sculpture I	3
+ARE	2610	Art Education I	3	+ARTE	3610	Art Education II	3
*ENG	1130	Speech	3	*MATH	1230	College Algebra	3
*HUS	1521	Dimension/Learn	2	*PEDU	1541	Fitness	2
*MFL		Foreign Language II	3	*MFL		Foreign Language III	3
*HUM		Arts and Humanities II	3	%EDU	2800	Computer Utilization	3

Junior Year

Fall			Credit	Spring			Credit
+ARTF	3410	Ceramics I	3	+ART	3020	Modern Art	3
+ARTF	4310	Printmaking I	3	+ARTF	3420	Ceramics II or	
+ARTE	4610	Art Education III	3	+ARTF	3520	Sculpture II	3
%EDU	3000	Educational Psych	3	+ARTE	3710	Crafts I	3
%EDU	3010	Human Growth	3	%EDU	4010	Reading	3
%EDU	3120	Inclusive Teaching	3	%EDU	3150	Instructional Plan	3

Senior Year

Fall			Credit	Spring			Credit
+ARF	3210	Painting I	3	%EDU	4101	Methods in Art	3
+ARE	3720	Crafts II	3	%EDU	4201	Directed Teaching	6
+ART	3410	Art History elective	3			Elective	3
%EDU	3170	Assmt of Learning	3				
%EDU	4520	Photography	3				

Revised 2009

Distribution of Hours

*Core Curriculum Courses: 43
 +Art Education Sculpture/Ceramics: 51
 %Non-Department Required Courses: 33
 &Electives: 0
 Total: 127

Students are advised to enroll in Summer School to relieve course loads per semester.

Four-Year Curriculum for Visual Communications

Freshman Year

Fall				Credit	Spring				Credit
+ART	1500	Survey of Art*		3	+ART	1200	African American Art		3
+ARTF	2110	Drawing I		3	+ARTF	2120	Drawing II		3
+ARTF	2310	Design I		3	+ARTF	2320	Design II		3
*ENG	1110	English Comp I		3	*ENG	1120	English Comp II		3
*MATH		Math		3	*MATH		Math		3
*HUSC	1521	Dimensions in Learning		2	*HEDU	1531	Health		2

Sophomore Year

Fall				Credit	Spring				Credit
+ARTV	2150	Computer Graphics I		3	+ARTV	3150	Computer Graphics II		3
+ARTV	2830	Typography I		3	+ARTV	3830	Typography II		3
+ARTF	3100	Figure Drawing I		3	+ARTV	3800	Graphic Design		3
*SCI		Science		3	*SCI		Science		3
*HUM		Arts and Humanities I or II		3	*HIST	1320	World Societies		3
*MFL		Foreign Language I		3	*MFL		Foreign Language II		3

Junior Year

Fall				Credit	Spring				Credit
+ART	3010	Renaissance Art		3	+ART	3020	Modern Art		3
+ARV	3810	Advertising Design		3	+ARTV	3820	Adv. Design		3
+ARV	3850	Illustration I*		3	+ARTV	3860	Illustration II		3
+ARF	3210	Painting I		3	*SOC SCI		Social Science		3
*MFL		Foreign Language Level III		3	*PEDU	1541	Fitness		2

Senior Year

Fall				Credit	Spring				Credit
+ARTF	4310	Printmaking I		3	+ARTF	4320	Printmaking II		3
+ARTV	4820	Problems in VC		3	+ARTV	4840	VC Seminar		3
+ARTV	4880	Internship		3	+ARTV	4150	Web Design		4
+ARTF		Ceramics		3					
%ENG		Mass Comm.		3	%MSCM		Mass Comm.		3

Revised 2009

Distribution of Hours

*Core Curriculum Courses: 42
 +Art Visual Communications: 78
 %Non-Department Required Courses: 6
 &Electives: 6
 Total: 126

Students are advised to enroll in Summer School to relieve course loads per semester.

Four-Year Curriculum for Art Education/ Painting & Drawing

Freshman Year

Fall Semester				Credit	Spring Semester				Credit
+ ART	1500	Survey of Art		3	+ ARTF	2120	Drawing II		3
+ ARTF	2110	Drawing I		3	* ENG	1210	English Comp II		3
+ ARTF	2310	Design I		3	* SCI		GEC Science		3
* HUSC	1521	Dimensions of Learning		2	* MFL		Foreign Language I		3
* ENG	1110	English Comp I		3	*MATH		Math		3
* HEDU	1531	Health		2	+ ART	1200	African American Art		3

Sophomore Year

Fall Semester				Credit	Spring Semester				Credit
+ ARTE	3710	Crafts		3	+ ARTF	3210	Painting I		3
+ ARTE	2610	Art Education		3	+ ARTE	3610	Art Education II		3
* SCI		Science		3	* MATH		Math		3
* MFL		Foreign Language II		3	% EDU	2800	Computer Utilization		3
* HIST	1320	World Societies		3	*SOCSCI		Social Science		3
* HUM		Arts and Humanities I or II		3	* MFL		Foreign Language III		3

Junior Year

Fall Semester				Credit	Spring Semester				Credit
+ARTF	3220	Painting II		3	+ ART	3020	Modern Art		3
+ARTE	4610	Art Education III		3	+ ARTF	3510	Sculpture I		3
%EDU	3000	Educational Psych		3	% EDU	4010	Reading		3
%EDU	3010	Human Growth		3	* PEDU	1541	Fitness		2
%EDU	3120	Inclusive Teaching		3	% EDU	3150	Instructional Plan.		3
%EDU	3030	Diversity Pedagogy		3	% EDU	3170	Assessment		3

Senior Year

Fall Semester				Credit	Spring Semester				Credit
+ ARTF	3100	Figure Drawing I or		3	% EDU	4101	Methods in Art		3
+ ARTF	4200	Painting III		3	% EDU	4201	Directed Teaching		6
+ ARTF	3410	Ceramics I		3			Elective		3
% EDU	4520	Photography		3					

Revised 2009

Distribution of Hrs

*Core Curriculum Courses: 42
 +Art Education Painting and Drawing: 48
 %Non-Department Required Courses: 36
 &Electives
 Total: 126

Students are advised to enroll in Summer School to relieve course loads per semester.

Four-Year Curriculum for Art Education / Graphics

Freshman Year

Fall			Credit	Spring			Credit
+ ART	1500	Survey of Art	3	+ART	1200	African American Ar	3
+ ARTF	2110	Drawing I	3	+ARTF	2120	Drawing II	3
+ ARTF	2310	Design I	3	*ENG	1120	English comp II	3
* ENG	1110	English Comp I	3	*MATH		Math	3
* HEDU	1531	Health	2	*SCI		Science	3
* HUSC	1521	Dimensions in Learning	2	*MFL		Foreign Language I	3

Sophomore Year

Fall			Credit	Spring			Credit
+ ARTV	2830	Typography	3	+ARTF	3210	Painting I	3
+ ARTE	2610	Art Education I	3	+ARTE	3610	Art Education II	3
* HIST	1320	World Societies	3	%EDU	2800	Computer Utilization	3
* SCI		Science	3	*MATH		Math	3
* HUM		Arts and Humanities I or II	3	*SOC		Social Science	3
* MFL		Foreign Language II	3	SCI			
				*MFL		Foreign Language III	3

Junior Year

Fall			Credit	Spring			Credit
+ ARTF	4310	Printmaking I	3	+ ART	3020	Modern Art	3
+ ARTE	4610	Art Education III	3	+ ARTF	3510	Sculpture I	3
% EDU	3000	Educational Psych	3	% EDU	4010	Reading	3
% EDU	3010	Human Growth	3	% EDU	3150	Instructional Plan.	3
% EDU	3030	Diversity Pedagogy	3	% EDU	3170	Assessment	3
% EDU	3120	Inclusive Teaching	3	* PEDU	1541	Fitness	2

Senior Year

Fall			Credit	Spring			Credit
+ ARTV	2150	Computer Graphics or	3	% EDU	4101	Methods in Art	3
+ ARTF	4310	Printmaking II		% EDU	4201	Directed Teaching	6
+ ARTF	3410	Ceramics I	3				
% EDU	4520	Photography	3				
+ ARTE	3710	Crafts I	3				

Revised 2009

Distribution of Hours

* Core Curriculum Courses: 42
 + Art Education Graphics: 48
 % Non-Department Required Courses: 36
 & Electives: 0

Total: 126

Four-Year Curriculum for Art Education / Graphics

Freshman Year

Fall				Credit	Spring				Credit
+ ART	1500	Survey of Art		3	+ART	1200	African American Art		3
+ ARTF	2110	Drawing I		3	+ARTF	2120	Drawing II		3
+ ARTF	2310	Design I		3	*ENG	1120	English comp II		3
* ENG	1110	English Comp I		3	*MATH		Math		3
* HEDU	1531	Health		2	*SCI		Science		3
* HUSC	1521	Dimensions in Learning		2	*MFL		Foreign Language I		3

Sophomore Year

Fall				Credit	Spring				Credit
+ ARTV	2830	Typography		3	+ARTF	3210	Painting I		3
+ ARTE	2610	Art Education I		3	+ARTE	3610	Art Education II		3
* HIST	1320	World Societies		3	%EDU	2800	Computer Utilization		3
* SCI		Science		3	*MATH		Math		3
* HUM		Arts and Humanities I or II		3	*SOC		Social Science		3
					SCI				
* MFL		Foreign Language II		3	*MFL		Foreign Language III		3

Junior Year

Fall				Credit	Spring				Credit
+ ARTF	4310	Printmaking I		3	+ ART	3020	Modern Art		3
+ ARTE	4610	Art Education III		3	+ ARTF	3510	Sculpture I		3
% EDU	3000	Educational Psych		3	% EDU	4010	Reading		3
% EDU	3010	Human Growth		3	% EDU	3150	Instructional Plan.		3
% EDU	3030	Diversity Pedagogy		3	% EDU	3170	Assessment		3
% EDU	3120	Inclusive Teaching		3	* PEDU	1541	Fitness		2

Senior Year

Fall				Credit	Spring				Credit
+ ARTV	2150	Computer Graphics or		3	% EDU	4101	Methods in Art		3
+ ARTF	4310	Printmaking II			% EDU	4201	Directed Teaching		6
+ ARTF	3410	Ceramics I		3					
% EDU	4520	Photography		3					
+ ARTE	3710	Crafts I		3					

Revised 2009

Distribution of Hours

*Core Curriculum Courses: 42
 +Art Education Graphics: 48
 %Non-Department Required Courses: 36
 &Electives: 0
 Total: 126

Art Course Descriptions

ART 1000. Introduction to the Study of Art (2)

An introduction to art appreciation and major styles, artists and art monuments. An overview of these areas will include what constitutes a work of art: content, style and medium.

ART 1200. African-American Art History (3)

An illustrated lecture/discussion survey of African-American visual arts from anonymous artisans of colonial days to the present.

ART 1500. Survey of the History of Art (3)

Art majors only. A selective survey of major stylistic developments in art history, from the beginning of art through the modern era. The criteria for producing written analysis of a work of art is emphasized.

ART 2010. Ancient Art (3)

Prerequisite: ART 1500 or Hum 2410 and 2420. The study of art from prehistoric, ancient Egyptian, and Near Eastern to Greek and Roman epochs, including selected works from the interiors of the African and Asian continents.

ART 2020. Medieval Art (3)

Prerequisite: ART 1500 or Hum 2410 and 2420. The study of art from the Middle Ages including early Christian times through Byzantine, Romanesque and Gothic periods, including selected works of Islamic, Oriental, Meso-American and African art.

ARTF 2110. Drawing I (3)

An introduction to the process, materials, and ideas of drawing with emphasis on composition. Students will work from observation. Six studio hours per week. (Fall Only)

ARTF 2120. Drawing II (3)

Prerequisite: ARTF 2110. A continuation of Drawing I. Six studio hours per week. (Spring Only)

ARTY 2150. Computer Graphics I (3)

An inquiry into the fundamental concepts of computer graphics with emphasis on art and design. Keyboard experience is recommended. Art

majors only or by consent of the instructor.

ARTF 2310. Color and Design

An introduction to the rules and practice of two dimensional design. Composition is emphasized in studio exercises which expose the student to the visual elements and principles of design. Six studio hours per week. Fall only

ARTF 2320. 3D Design (3)

Prerequisite: ARTF 2310. An introduction to design principles as applied to three dimensions. Six studio hours per week. Spring only.

ARTE 2610. Art Education I (3)

Art majors only or by permission of instructor. This course explores the recommended practices in qualitative curriculum planning in art education for kindergarten through sixth grade levels. Laboratory experiences will assist students in identifying the unique problems of the elementary school child.

ARTY 2830. Typography (3)

Prerequisite: ARTF 2310. A review of typographic history and contemporary trends with emphasis on letterform design, terminology, computer typesetting, and compositional principles in working with text and display type. Six studio hours per week. Fall only.

ART 3010. Renaissance Art (3)

Prerequisite: ART 1500, or HUM 2410 and 2420. The study of painting, sculpture and architecture in Europe, from its origins in the 14th century through the Baroque period, including the influences of other cultures. Fall only.

ART 3020. Modern Art (3)

Prerequisite: ART 1500, or HUM 2410 and 2420. The study of modern art from the early 18th century in Europe to the nineteenth and twentieth centuries in Europe and America including current global influences. Spring only.

ARTF 3100. Figure Drawing III (3)

Prerequisite: ARTF 2120. A study of the human figure from the model. Six studio hours per week. Fall/Spring

ARTF 3140. Drawing IV (3)

Prerequisite: ARTF 3100. A continuation of the study of the human figure. Six studio hours per week. Fall/Spring.

ARTY 3150 Computer Graphics II (3)

Prerequisite: ARTY 2150. Using multiple software applications this course will address the development of a total graphic design. The course emphasizes advanced image-editing techniques using Adobe Photoshop. Adobe In Design and Macromedia Freehand will be used for file preparation and digital prepress. Spring Only.

ARTF 3210. Painting I (3)

Prerequisite: ARTF 2120, 2310. An introduction to the skills and conceptual abilities required to successfully control the formal elements of painting: color, form, and space. Six studio hours per week. Fall/Spring.

ARTF 3220. Painting II (3)

Prerequisite: ARTF 3210. A continuation of the exploration of formal painting issues. Six studio hours. Fall/Spring.

ARTF 3410. Ceramics I (3)

An introduction to vessel making with emphasis on coiling and slab building techniques. Basic procedures and concepts for glazing and firing will be discussed. Six studio hours per week. Non-art majors may enroll. Fall/Spring.

ARTF 3420. Ceramics II (3)

A studio experience which explores wheel forming techniques and concepts that involve skill development, glaze application and basic high-fire procedures. May be repeated for credit. Six studio hours per week. Non-art majors may enroll. Fall/Spring.

ARTF 3510. Sculpture I (3)

Prerequisite: ARTF 2320. An investigation of materials, styles, and methods in sculpture. Six studio hours per week. Spring only.

ARTF 3520. Sculpture II (3)

Prerequisite: ARTF 3510. A continuation of ARTF 3510. Six studio hours per week. Spring only.

ARTE 3610. Art Education II (3)

Prerequisites: ARTF 2110, 2120. This course explores the recommended practices in qualitative curriculum planning in art for sixth through twelfth grade levels with laboratory experiences.

ARTE 3710. Crafts I (3)

An exploration of materials and techniques within the craft media. Consideration of the visual elements and principles of design will be developed as they relate to both two and three-dimensional work. Emphasis on the development of visual perception and the expression of personal ideas, images and craftsmanship. Fall/Spring.

ARTE 3720. Crafts II (3)

Prerequisites: ARTE 3710. A continuation of ARTE 3710. Students will increase their skills and competencies. Students are expected to work independently and to propose their own projects.

ARTV 3800. Graphic Design (3)

Prerequisites: ARTV 2830. Art Majors Only. An introduction to the tools used in the creative process for visual communications. The focus is on investigating the relationship between word and image. Six studio hours per week. Spring only.

ARTY 3810. Advertising Design (3)

Prerequisite: ARTY 3800. The course examines the history of traditional advertisements. Studio problems include comprehensive rendering, layout and design of advertisements. Preparation of mechanical art and type for reproduction processes is emphasized. Six studio hours per week. Fall only.

ARTY 3820 Advanced Design (3)

Prerequisite: ARTV 3810. A continuation of ARTV 3810. Spring only.

ARTV 3830 Type Design II (3)

Prerequisite: ARTV 2830. This is an advanced course to broaden the understanding of typography. Instruction includes the physical components of letters/words, and the rules of

legibility and style for effective layouts. Students will explore how type enhances visual communications in a digital environment. Spring only.

ARTY 3850. Illustration I (3)

Prerequisite: ARTF 2120, 3100, and 3210. An exploration of the basic techniques, media, and concepts in producing an illustration. Fall only.

ARTV 3860. Illustration II (3)

Prerequisite: ARTV 3850. A continuation of ARTV 3850 with emphasis on problem solving and conceptual thinking. A major objective is the development of students' illustrative skills and the ability to investigate problems confronting the graphic designer in the commercial environment. Spring only.

ARTF 3980. Independent Study in Art (1-3)

Prerequisite: Junior or senior standing in art and by consent of instructor. This course provides an opportunity for individual in-depth study of any aspect of studio art, art education, or visual communications.

ARTF 4010. Introduction to Museum Studies (3)

Prerequisite: Junior or senior standing in art and by consent of the instructor. A study of the basic theories and techniques of museum work through lectures and involvement in museum experiences at the University's museum, including field trips to area museums.

ARTF 4100. Art Study Tours (3)

This course will expose students to the art and culture of other countries by traveling outside

ARTF 4320. Printmaking II (3)

Prerequisite: ARTF 4310. A continuation of ARTF 4310 with an introduction to etching and lithography. Six studio hours per week. Spring only.

ARTF 4500. Sculpture III (3)

Prerequisite: ARTF 3520. Continuation of ARTF 3520 with further exploration of materials and methods.

ARTE 4610. Art Education III (3)

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ARTE 4101. (EDU 4101) Materials and Methods in Art (3) This course is designed to provide students with a general knowledge of various aspects of instruction and learning in preparation for teaching art in the public schools, i.e., teaching and learning theory; effective methodology; the selection, preparation, organization, and scheduling of course content; classroom management; motivation, discipline, evaluation, and working with others.

ARTV 4150. Web Design (4)

Prerequisite: ARTV 3150 This advanced course examines the organization and construction of web page design, internet access, and online interactive media.

ARTF 4200. Painting III (3)

Prerequisite: ARTF 3220. A continuation of ARTF 3220. Students will make independent decisions regarding subject matter, palette, and media. (Six studio hours per week.) Fall/Spring

ARTE 4201. (EDU 4201) Directed Teaching - Art (6) Directed teaching in the senior year provides the opportunity for student teaching under supervision. A grade point average of 2.6 or above in the field in which certification is sought, and with approval of the School of Education.

ARTF 4310. Printmaking I (3)

Prerequisite: ARTF 2110, 2310. An introduction to serigraphy and relief printing. Six studio hours per week. Fall Only.

A study of the historical development and philosophies in art education in the United States and the art education curriculum in the public school for levels K-12.

ARTV 4820. Problems in Visual Communications (3)

Prerequisite: ARTV 3820. In-depth problem-solving projects as they relate to professional issues. Emphasis on concept and design.

ARTV 4840. Visual Communications Seminar (3)

Prerequisite: ARTV 4820. Continuation of ARTV

4820. Design projects at the senior level requiring utilization of graphic skills and images for commercial industry.

ARTY 4880. Internship in Art (3)

Prerequisite: ARTY 3820. Senior art majors or by consent of the advisor. This course is designed to provide the student with experience in graphic art professions. The student will be under close

supervision of the internship director and trained agency personnel, and will receive clearly defined work projects.

ARTF 4900. Advanced Studio (3)

An open studio for advanced study in one of the specialized areas of art: drawing, painting, printmaking, sculpture, ceramics and visual communications. By consent of the instructor.

English and Mass Communication

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The Department of English and Mass Communication offers programs of study leading to baccalaureate degrees in English and in Mass Communication. The Department also offers a graduate program leading to the Master of Arts in English and the Master of Arts in English with Licensure. A major in English or in Mass Communication prepares students for a variety of careers and for continued personal, civic, and professional development. All courses offered through the Department enhance skills in reading, writing, and critical thinking. The Department's offerings and related activities in English seek to enhance students' understanding of vital cultural and aesthetic achievements of writers throughout the ages. Mass Communication majors specialize in the theory and practice of print and broadcast media. The Department is also responsible for the Philosophy curriculum.

Students majoring in English or Mass Communication must complete one of the concentrations in the academic program. The academic concentrations for the English major include (1) Literature, (2) English Education, and (3) Writing. The concentrations for the Mass Communication major are (1) Journalism, (2) Broadcast Media, and (3) Communication Studies. These concentrations share a core of required courses in English and American literature and language.

Students may minor in Literature, Writing, Mass Communication or Philosophy. The courses required for the minor are listed elsewhere in this document.

Composition courses offered in the General Education Curriculum are required of all NCCU students. Students majoring in English or Mass Communication must complete ENG 1110 English

Composition I, ENG 1210 English Composition II, and English 1250 Elements of Speech or English 2200 Public Speaking; however, these communication skills courses do not count in the required credit hours for the major or the minor in English or in Mass Communication.

Students who are majoring in English must earn the grade of C or better in ENG 1110, 1210, 1250 or 2200, 1300, 1400 and 1500. Students who are majoring in Mass Communication must earn the grade of C or better in ENG 1110, 1210, 1250 or 2200, 1500, and MSCM 2400 and 2440. The grade of C or better must be obtained in these courses before students are eligible to register for upper level ENG and MSCM courses for which these courses are prerequisites.

The Department of English and Mass Communication oversees the University's course offerings in Philosophy. Although the University does not offer a major in Philosophy, a minor is available. Philosophy courses may serve as requirements in major programs, as the humanities option in the General Education Curriculum, and as general electives. See listings for Philosophy later in this document.

Course Requirements of a Bachelor of Arts In English, Literature

General English Major, Literature Concentration: Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU. Students must also complete requirements in English (ENG) courses with a minimum G.P.A. of 2.0. Students must earn grades of C or better in the following courses: ENG 1110, 1210, 1250 or 2200, 1300, 1400, and 1500 in order to register for upper level ENG courses for which these courses are prerequisites.

1. Freshman and sophomore years: complete the General Education Curriculum in the Arts and Sciences Program as detailed elsewhere in this catalog. ENG 1110 and 1210 must be completed with a grade of C or better. English majors must

take ENG 1250 or ENG 2200 to meet the “speaking intensive” requirement of the General Education Curriculum and PHIL 2210—Ethics—to meet the ethics requirement.

2. Complete the following core English program and literature concentration requirements:
 - a. ENG 1300, 1400, and 1500 (Each must be completed with a grade of C or better.)
 - b. ENG 2310 and 2320
 - c. ENG 3110, 3120, 3300, 3310, 3320, 3400, 3410, 3420, 4000, 4300
 - d. ENG 4110 or 4120
 - e. ENG 4320 or 4420
 - f. Two electives to be selected from the following: English 3505; 3605; 3700 or 3800; 4200; 4700; a second course in the novel; a second course in drama

Course Requirements of a Bachelor of Arts in English, English Education

English Major, English Education Concentration: Complete a minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 hours must be completed at NCCU. Students must also complete requirements in English (ENG) courses with a minimum G.P.A. of 2.5. Students must earn grades of C or better in the following courses: ENG 1110, 1210, 1300 or 1400, 2410, and 1500 in order to register for upper-level ENG courses for which these courses are prerequisites.

1. Freshman and sophomore years: complete the General Education Curriculum in the Arts and Sciences Program as detailed elsewhere in this catalog. ENG 1110, 1210, and 1250 must be completed with a grade of C or better. English Education majors must take ENG 1250 or ENG 2200 to meet the “speaking intensive” requirement of the General Education Curriculum and PHIL 2210—Ethics—to meet the ethics requirement.
2. Complete the following core English program requirements:
 - a. ENG 1300 or 1400, 2410, and 1500 (Each

must be completed with a grade of C or better.)

- b. ENG 2310 and 2320
 - c. ENG 3300
 - d. ENG 3110, 3120, 3310, 3320, 3420, 4300
 - e. ENG 4320 or 4420
 - f. ENG 4900
3. Complete the following professional knowledge requirements in Education:
 - a. EDU 2600, 2800, 3000, 3010, 3030, 3120, 3150, 3170, 4010, 4020, 4950
 - b. EDU 4109 and 4209
 4. Earn a passing rate on the Praxis I Examination.

Course Requirements of a Bachelor of Arts in Mass Communication, Broadcast Media Concentration

Mass Communication Major, Broadcast Media Concentration: Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU. Students must also complete requirements in English (ENG) courses and Mass Communication (MSCM) courses with a minimum G.P.A. of 2.0. Students must earn grades of C or better in the following courses: ENG 1110, 1210, 1250 or 2200, 1500, MSCM 2400 and 2440 in order to register for courses for which these courses are prerequisites.

1. Freshman and sophomore years: complete the General Education Curriculum in the Arts and Sciences Program as detailed elsewhere in this catalog. ENG 1110 and 1210 must be completed with a grade of C or better. Mass Communication majors must take ENG 1250 or ENG 2200 to meet the “speaking intensive” requirement of the General Education Curriculum.
2. Complete the following core English requirements:
 - a. ENG 1500 (Must be completed with a grade of C or better.)
 - b. ENG 2310 or 2320
 - c. ENG 3110
 - d. ENG 3310 or 3320
 - e. ENG 3300 or 4000

f. ENG 3410 or 3420

3. Complete the following Mass Communication core and program requirements:

- a. MSCM 2400, 2430, 2440, 3570, 3580, 4600, 4610, 4620
- b. Choose four concentration electives from the following: MSCM 2460, 2470, 2480, 3450, 3460, 3500, 3505, 3540, 3560, 3590, 3600, 3610, 4625, 4630, 4635, 4640, 4641, 4645, 4650, 4670, 4680
- c. General electives

Course Requirements of a Bachelor of Arts In Mass Communication, Journalism Concentration

Mass Communication Major, Journalism Concentration: Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU. Students must also complete requirements in English (ENG) courses and Mass Communication (MSCM) courses with a minimum G.P.A. of 2.0. Students must earn grades of C or better in the following courses: ENG 1110, 1210, 1250 or 2200, 1500, MSCM 2400 and MSCM 2440 in order to register for courses for which these courses are prerequisites.

1. Freshman and sophomore years: complete the General Education Curriculum in the Arts and Sciences Program as detailed elsewhere in this catalog. ENG 1110 and 1210 must be completed with a grade of C or better. Mass Communication majors must take ENG 1250 or ENG 2200 to meet the “speaking intensive” requirement of the General Education Curriculum.
3. Complete the following core English requirements:
 - a. ENG 1500 (Must be completed with a grade of C or better.)
 - b. ENG 2310 or 2320
 - c. ENG 3110
 - d. ENG 3310 or 3320
 - e. ENG 3300 or 4000
 - f. ENG 3410 or 3420
4. Complete the following Mass Communication

core and concentration requirements:

- a. MSCM 2400, 2430, 2440, 3510, 3520, 3525, 4600, 4610, 4620, 4645
- b. Choose two concentration electives from the following: MSCM 2105, 2460, 2470, 2480, 3450, 3460, 3505, 3535, 3540, 3590, 3600, 3610, 4150, 4630, 4650, 4670, 4680
- c. General electives

Course Requirements of a Bachelor of Arts in Mass Communication, Communication Studies Concentration

Mass Communication Major, Communication Studies Concentration: Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU. Students must also complete requirements in English (ENG) courses and Mass Communication (MSCM) courses with a minimum G.P.A. of 2.0. Students must earn grades of C or better in the following courses: ENG 1110, 1210, 1250 or 2200, 1500, MSCM 2400, and 2440 in order to register for courses for which these courses are prerequisites.

1. Freshman and sophomore years: complete the General Education Curriculum in the Arts and Sciences Program as detailed elsewhere in this catalog. ENG 1110 and 1210 must be completed with a grade of C or better. Mass Communication majors must take ENG 1250 or ENG 2200 to meet the “speaking intensive” requirement of the General Education Curriculum.
2. Complete the following core English program requirements:
 - a. ENG 1500 (Must be completed with a grade of C or better.)
 - b. ENG 2310 or 2320
 - c. ENG 3110
 - d. ENG 3310 or 3320
 - e. ENG 3300 or 4000
 - f. ENG 3410 or 3420
3. Complete the following Mass Communication core and concentration requirements:
 - a. MSCM 2400, 2430, 2440, 4600, 4610, 4620
 - b. Choose six concentration electives from the

following: MSCM 2105, 2460, 2470, 2480, 3450, 3460, 3500, 3520, 3525, 3535, 3560, 3590, 3600, 3610, 4105, 4650, 4670, 4680

c. General electives

For all concentrations in the Department of English and Mass Communication, variations are possible as long as prerequisites are met.

Note: Community Service Hours requirement must be met each semester.

Minors in English and Mass Communication:

The Minor in Literature

The minor in Literature requires the completion of at least 21 semester hours in English beyond required General Education Curriculum courses. The grade of C or better must be obtained in English 1110, 1210, 1250 or 2100, 1300, 1400, and 1500 before students are eligible to register for upper level ENG courses for which these courses are prerequisites.

The following courses are required for the minor in Literature:

- a. ENG 1300, 1400, and 1500
- b. One course from these two: ENG 2310 or 2320
- c. ENG 3310 or 3320
- d. ENG 3410 or 3420
- e. One course from these three: ENG 3300, 3505, or 3605

The Minor in Writing

The minor in Writing requires the completion of at least 21 semester hours in English beyond required General Education Curriculum courses. The grade of C or better must be obtained in English 1110, 1210, 1250 or 2200, and 1500 before students are eligible to register for upper level ENG courses for which these courses are prerequisites.

The following courses are required for the minor in Writing:

- a. ENG 1500 and 3120
- b. ENG 2115 or 3110
- c. ENG 3700 or 3800
- d. Choose any three courses (that have not been

chosen above) from the following courses:
ENG 2105, 2115, 2200, 3110, 3700, 3800, 4105;
MSCM 2440, 3520, 3525, 3540; Drama 3040

The Minor in Philosophy

The minor in Philosophy requires the completion of at least 21 semester hours in Philosophy.

The following courses are required for the minor in Philosophy:

- a. PHIL 1000, 2210
- b. PHIL 2000 or 2300
- c. Four courses from the following: PHIL 2000 or 2300 if not chosen above; PHIL 2010, 2110, 2120, 3120, 3210, 3220, 4210.

The Minor in Mass Communication

The minor in Mass Communication requires the completion of at least 21 semester hours in Mass Communication. The grade of C or better must be obtained in the foundational courses MSMC 2400 and MSCM 2440 before students are eligible to register for courses for which these courses are prerequisites.

The following courses are required for the minor in Mass Communication:

- a. MSCM 2400, 2430, 2440, 4610
- b. Two MSCM electives
- c. One production course: MSCM 3520, 3525, 3570, or 3580

The Certificate in English Language Development Program

The certificate program consists of five courses of instruction: ENG 1010 (Listening and Speaking), ENG 1020 (Grammar and Writing), ENG 1030 (Reading and Vocabulary), ENG 1040 (Speaking in a Cultural Context), and ENG 1050 (Fundamentals of College Writing). The program develops English proficiency for students and members of the wider community who lack this proficiency. Completion of this certificate confers fifteen units of elective credit and will be noted on the student's transcript.

Four-Year Curriculum Plan in English, Literature Concentration (Effective Fall 2008)

Freshman Year		Freshman Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*ENG 1110 English Composition I**	3	*ENG 1210 English Composition II	3
*Modern Foreign Language III**	3	*SOSC GEC Requirement 2	3
*MATH GEC Requirement 1**	3	*MATH GEC Requirement 2	3
*HIST 1320 World Societies	3	*HUM 2410 or 2420 Arts & Humanities I or II	3
*HEDU 1531 Health	2	^ENG 1250 Elements of Speech or ENG 2200 Public Speaking	3
*HUSC 1521 Dimensions of Learning	2		
Semester Hours	16	Semester Hours	15
Sophomore Year		Sophomore Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*GEC Science Requirement I	3	*GEC Science Requirement 2	3
Humanities GEC Requirement 2	3	^ENG 1400 World Literature II	3
*PEDU 1541 Fitness	2	^ENG 2310 Eng. Lit. I	3
^ENG 1300 World Literature I	3	General Elective	3
^ENG 1500 Techniques in Critical Reading	3	General Elective	3
General Elective	3		
Semester Hours	17	Semester Hours	15
Junior Year		Junior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 2320 Eng. Lit. II	3	^ENG 3120 Advanced Composition	3
^ENG 3110 Advanced Grammar	3	^ENG 3320 American Lit. II	3
^ENG 3300 Applied Literary Criticism	3	^^ENG 3400 Junior-Senior Seminar	3
^ENG 3310 American Lit. I	3	^^ENG 3420 African American Lit. II	3
^ENG 3410 African American Lit. I	3	General Elective	3
Semester Hours	15	Semester Hours	15
Senior Year		Senior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 4300 Shakespeare	3	****Literature Concentration Elective	3
^ENG 4110 19 th -C. Novel or ENG 4120 20 th -C. Novel	3	****Literature Concentration Elective	3
^ENG 4320 English Drama or ENG 4420 Contemporary Drama	3	General Elective	3
^ENG 4000 History of the English Language	3	General Elective	3
General Elective	3	General Elective	3
		General Elective	1-3
Semester Hours	15	Semester Hours	16-18

*General Education Curriculum;

^English Major Core;

^^Literature Concentration Requirements

** Based on Placement Results

*** Only one of the two courses in the novel (ENG 4110 & ENG 4120) and one of the two courses in drama (ENG 4320 and ENG 4420) are required; the others may be used as Literature Concentration Electives.

**** Literature Concentration Electives (2 required): ENG 2350 Studies in Eng. Lit.; ENG 2410. Sacred Texts and Traditions of South Asia; ENG 2510. Language, Culture and Communication; ENG 3430. Social Inequality in South Asia through Literature and Film; ENG 3505 Women's Lit.; ENG3605 Contemporary Lit.; ENG 3700 Creative Writing-Prose; ENG 3800 Creative Writing-Poetry; ENG 4200 Modern African Lit.; ENG 4210. Fiction, Film and South Asia's Past; ENG 4700 20th C. British Lit.; ENG 4320 or 4420 (2nd course in drama); ENG 4110 or 4120 (2nd novel course).

Four-Year Curriculum Plan in English, English Education Concentration (Effective Fall 2008)

Freshman Year		Freshman Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*ENG 1110 English Composition I**	3	*ENG 1210 English Composition II	3
*Modern Foreign Language III**	3	*SOSC GEC Requirement 2	3
*MATH GEC Requirement 1**	3	*MATH GEC Requirement 2	3
*HIST 1320 World Societies	3	*HUM 2410 or 2420 Arts & Humanities I or II	3
*HEDU 1531 Health	2	^ENG 1250 Elements of Speech or ENG 2200 Public Speaking	3
*HUSC 1521 Dimensions of Learning	2	*PEDU 1541 Fitness	
Semester Hours	16	Semester Hours	17
Sophomore Year		Sophomore Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*GEC Science Requirement I	3	*GEC Science Requirement 2	3
^^EDU 2600 Orientation to Teaching	2	^ENG 1400 World Literature II or ENG 2410 Sacred Texts	3
Humanities GEC Requirement 2	3	^ENG 2310 Eng. Lit. I or ENG 2320 Eng. Lit. II	3
^ENG 1300 World Literature I or ENG 2410 Sacred Texts	3	^^EDU 3000 Educational Psychology	3
^ENG 1500 Techniques in Critical Reading	3	^^EDU 3010 Human Growth & Development	3
^^EDU 2800 Instructional Technology	3	Pass PRAXIS I: Admission to School of Ed.	
Semester Hours	17	Semester Hours	15
Junior Year		Junior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 2310 Eng. Lit. I or ENG 2320 Eng. Lit. II	3	^ENG 3300 Applied Literary Criticism	3
^ENG 3110 Advanced Grammar	3	^ENG 3320 American Lit. II	3
^ENG 3120 Advanced Composition	3	^ENG 3420 African American Lit. II	3
^ENG 3310 American Lit. I	3	^ENG 4320 Eng. Drama or ENG 4420 Contemporary Brit. & American Drama	3
^^EDU 3120 Inclusive Teaching	3	^^EDU 4020 ESL and 2 nd Language Literacy	3
^^EDU 3030 Diversity, Pedagogy and Change	3	^^EDU 4950 Adolescent Literature	3
Semester Hours	18	Semester Hours	18
Senior Year		Senior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 4300 Shakespeare	3	^^EDU 4109 Methods and Materials in Teaching English	3
^^EDU 3150 Instructional Planning	3	^^EDU 4209 Directed Teaching of English	6-9
^^EDU 3170 Assessment of Learning	3		
^^EDU 4010 Reading in the Content Area	3		
^^EDU 4900 Integrating Reading & Writing in the Secondary English Curriculum	3		
Semester Hours	15	Semester Hours	9-12

*General Education Curriculum

** Based on Placement Results

^English Major Requirements

^^Education Requirements

Four-Year Curriculum Plan in English, Writing Concentration (Effective Fall 2008)

Freshman Year		Freshman Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*ENG 1110 English Composition I**	3	*ENG 1210 English Composition II	3
*Modern Foreign Language III**	3	*SOSC GEC Requirement 2	3
*MATH GEC Requirement 1**	3	*MATH GEC Requirement 2	3
*HIST 1320 World Societies	3	*HUM 2410 or 2420 Arts & Humanities I or II	3
*HEDU 1531 Health	2	^ENG 1250 Elements of Speech or ENG 2200 Public Speaking	3
*HUSC 1521 Dimensions of Learning	2		
Semester Hours	16	Semester Hours	15
Sophomore Year		Sophomore Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*GEC Science Requirement I	3	*GEC Science Requirement 2	3
*Humanities GEC Requirement 2	3	^ENG 2310 Eng. Lit. I or ENG 232- Eng. Lit. II	3
*PEDU 1541 Fitness	2	^^ENG 2115 Intro. to Linguistics	3
^ENG 1500 Techniques in Critical Reading	3	^^MSCM 2440 Reporting & Writing for Mass Media	3
General Elective	6	General Elective	3
Semester Hours	17	Semester Hours	15
Junior Year		Junior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^^ENG 2105 Intro. to Prof. Writing	3	^ENG 3120 Advanced Composition	3
^ENG 3110 Advanced Grammar	3	^^ENG 3400 Junior-Senior Seminar (WI)	3
^ENG 3300 Applied Literary Criticism or ENG 4000 History of the Language	3	^ENG 3410 African American Lit. II or ENG 3420 African American Lit. II	3
^ENG 3310 American Lit. I or ENG 3320 American Lit II	3	^^ENG 3105 Prof. and Technical Writing	3
General Elective	3	General Elective	3
Semester Hours	15	Semester Hours	15
Senior Year		Senior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 4130 Writing for Science and Technology	3	^ENG 4140 Writing for Digital Media	3
^ENG 3700 or ENG 3800 Creative Writing	3	^^Writing Concentration Elective***	3
^^Writing Concentration Elective****	3	^^Writing Concentration Elective***	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	1-3
Semester Hours	18	Semester Hours	16-18

*General Education Curriculum

** Based on Placement Results

*** Writing Concentration Electives: ENG 3300; ENG 4800; MSCM 3510; MSCM 3520; MSCM 3530; MSCM 3540; MSCM 3560, DRAM 3040.

^English Writing Core

^^Writing Concentration Requirements

Four-Year Curriculum Plan in Mass Communication, Broadcast Media Concentration (Effective Fall 2008)

Freshman Year		Freshman Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*ENG 1110 English Composition I**	3	*ENG 1210 English Composition II	3
*Modern Foreign Language III**	3	*SOSC GEC Requirement 2	3
*Math 1100 College Algebra**	3	*MATH 1110 Elementary Statistics	3
*HIST 1320 World Societies	3	*HUM 2410 or 2420 Arts & Humanities I or II	3
*HEDU 1531 Health	2	^ENG 1250 Elements of Speech or ENG 2200 Public Speaking	3
*HUSC 1521 Dimensions of Learning	2		
Semester Hours	16	Semester Hours	15
Sophomore Year		Sophomore Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*GEC Science Requirement I	3	*GEC Science Requirement 2	3
*Humanities GEC Requirement 2	3	^^MSCM 2430 Mass Media and Society	3
^ENG 1500 Techniques in Critical Reading	3	^^MSCM 2440 Reporting and Writing for the Mass Media	3
^^MSCM 2400 Intro. to Mass Communication	3	General Elective	3
^ENG 2310 or ENG 2320 Eng. Lit.	3	General Elective	3
Semester Hours	15	Semester Hours	15
Junior Year		Junior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 3110 Advanced Grammar	3	^ENG 3310 or ENG 3320 American Lit.	3
^ENG 3300 Applied Literary Criticism or ENG 4000 History of the Language	3	^^^MSCM 3570 Audio Production	3
^^^MSCM 3560 Writing for Radio and TV	3	^^^MSCM 3580 Video Production	3
^^^MSCM Elective	3	General Elective	3
General Elective	3	General Elective	3
Semester Hours	15	Semester Hours	15
Senior Year		Senior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 3410 or ENG 3420 African American Lit.	3	^^MSCM 4610 Communication Law and Ethics	3
^^MSCM 4600 Mass Communication Theory and Research	3	^^^MSCM Elective	3
^^MSCM 4620 Media Practicum	3	General Elective	3
^^^MSCM Elective	3	General Elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	1-3
Semester Hours	18	Semester Hours	16-18

*General Education Curriculum

** Based on Placement Results

^Required upper-level English courses

^^Mass Communication Core requirements

^^^Journalism Concentration requirements

Four-Year Curriculum Plan in Mass Communication, Journalism Concentration (Effective Fall 2008)

Freshman Year		Freshman Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*ENG 1110 English Composition I**	3	*ENG 1210 English Composition II	3
*Modern Foreign Language III**	3	*SOSC GEC Requirement 2	3
*Math 1100 College Algebra**	3	*MATH 1110 Elementary Statistics	3
*HIST 1320 World Societies	3	*HUM 2410 or 2420 Arts & Humanities I or II	3
*HEDU 1531 Health	2	^ENG 1250 Elements of Speech or ENG 2200 Public Speaking	3
*HUSC 1521 Dimensions of Learning	2		
Semester Hours	16	Semester Hours	15
Sophomore Year		Sophomore Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
*GEC Science Requirement I	3	*GEC Science Requirement 2	3
*Humanities GEC Requirement 2	3	^^MSCM 2430 Mass Media and Society	3
^ENG 1500 Techniques in Critical Reading	3	^^MSCM 2440 Reporting and Writing for the Mass Media	3
^^MSCM 2400 Intro. to Mass Communication	3	General Elective	3
^ENG 2310 or ENG 2320 Eng. Lit.	3	General Elective	3
Semester Hours	15	Semester Hours	15
Junior Year		Junior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 3110 Advanced Grammar	3	^ENG 3310 or ENG 3320 American Lit.	3
^ENG 3300 Applied Literary Criticism or ENG 4000 History of the Language	3	^^^MSCM 3525 Desktop Publishing	3
^^^MSCM 3510 Advanced Reporting	3	^^^MSCM Elective	3
^^^MSCM E3520 Copy Editing	3	General	3
^^^MSCM Elective	3	General Elective	3
Semester Hours	15	Semester Hours	15
Senior Year		Senior Year	
Fall Semester	Credit Hours	Spring Semester	Credit Hours
^ENG 3410 or ENG 3420 African American Lit.	3	^^MSCM 4610 Communication Law and Ethics	3
^^MSCM 4600 Mass Communication Theory and Research	3	^^^MSCM Elective	3
^^MSCM 4620 Media Practicum	3	General Elective	3
^^^MSCM Elective	3	General Elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	1-3
Semester Hours	18	Semester Hours	16-18

*General Education Curriculum

** Based on Placement Results

^Required upper-level English courses

^^Mass Communication Core requirements

^^^Journalism Concentration requirements

Four-Year Curriculum Plan in Mass Communication, Communication Studies Concentration (Effective Fall 2008)

Freshman Year Fall Semester	Credit Hours	Freshman Year Spring Semester	Credit Hours
*ENG 1110 English Composition I**	3	*ENG 1210 English Composition II	3
*Modern Foreign Language III**	3	*SOSC GEC Requirement 2	3
*Math 1100 College Algebra**	3	*MATH 1110 Elementary Statistics	3
*HIST 1320 World Societies	3	*HUM 2410 or 2420 Arts & Humanities I or II	3
*HEDU 1531 Health	2	^ENG 1250 Elements of Speech or ENG 2200 Public Speaking	3
*HUSC 1521 Dimensions of Learning	2		
Semester Hours	16	Semester Hours	15
Sophomore Year Fall Semester	Credit Hours	Sophomore Year Spring Semester	Credit Hours
*GEC Science Requirement 1	3	*GEC Science Requirement 2	3
*Humanities GEC Requirement 2	3	^^MSCM 2430 Mass Media and Society	3
^ENG 1500 Techniques in Critical Reading	3	^^MSCM 2440 Reporting and Writing for the Mass Media	3
^^MSCM 2400 Intro. to Mass Communication	3	General Elective	3
^ENG 2310 or ENG 2320 Eng. Lit.	3	General Elective	3
Semester Hours	15	Semester Hours	15
Junior Year Fall Semester	Credit Hours	Junior Year Spring Semester	Credit Hours
^ENG 3110 Advanced Grammar	3	^ENG 3310 or ENG 3320 American Lit.	3
^ENG 3300 Applied Literary Criticism or ENG 4000 History of the Language	3	^^^MSCM 3590 Public Relations	3
^^^MSCM 3520 Copy Editing or MSCM 3525 Desktop Publishing	3	^^^MSCM 3570 Audio Production or MSCM 3580 Video Production	3
^^^MSCM Elective	3	General Elective	3
General Elective	3	General Elective	3
Semester Hours	15	Semester Hours	15
Senior Year Fall Semester	Credit Hours	Senior Year Spring Semester	Credit Hours
^ENG 3410 or ENG 3420 African American Lit.	3	^^MSCM 4610 Communication Law and Ethics	3
^^MSCM 4600 Mass Communication Theory and Research	3	^^^MSCM Elective	3
^^MSCM 4620 Media Practicum	3	General Elective	3
^^^MSCM Elective	3	General Elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	1-3
Semester Hours	18	Semester Hours	16-18

*General Education Curriculum

** Based on Placement Results

^Required upper-level English courses

^^Mass Communication Core requirements

^^^Journalism Concentration requirements

English Course Descriptions

ENG 1010. Listening and Speaking (3)

A listening and speaking course to improve conversational English skills including: listening in academic contexts, practicing precise vocabulary, pronouncing clearly, and developing fluency. This course focuses on listening to native speakers, determining main ideas and supporting details of lectures, making inferences, and using cultural background information in order to understand a text. Students will improve speaking to prepare them to participate in classroom discussions and express their opinions confidently while practicing accurate and authentic language in a meaningful context.

ENG 1020. Grammar and Writing (3)

An introduction to English grammar and usage. This course teaches basic English grammar, including parts of speech and sentence structure. It teaches students how to use idiomatic expressions correctly, how to use a dictionary, and how to write clear, grammatically correct sentences. This course also teaches students how to respond in writing to a variety of texts.

ENG 1030. Reading and Vocabulary (3)

A reading and vocabulary course where students improve their ability to comprehend newspapers, magazines, textbooks, and print and electronic research materials. This course focuses on understanding the logical relationships between ideas and determining the meaning of unknown vocabulary in context. Students will learn how to read material with greater fluency and speed, how to summarize more effectively, how to analyze claims and arguments, and how to organize a response paper. Prefixes, suffixes, Latin roots, synonyms, antonyms, cognates, and false cognates will be addressed.

ENG 1040. Speaking in a Cultural Context (3)

Prerequisites: ENG 1010, ENG 1020, ENG 1030 or permission of instructor. A course designed to compare and contrast world cultures to various aspects of American culture. Using magazine articles and newspaper reports, the course will include daily discussions related to political topics,

sociological debates, and current events.

Students will read aloud, listen to the news, practice telling stories and jokes, learn about life cycle celebrations, and research American hobbies.

ENG 1050. Fundamentals of College Writing (3)

Prerequisite: Permission of instructor. This course reviews the range of grammatical concepts necessary for the competent writer. It teaches students how to plan, organize, and develop the essay. It also teaches students how to paraphrase, summarize, and cite material accurately. This course enhances the student's ability to interpret a variety of texts and introduces them to strategies for proofreading their essays effectively.

ENG 1110. English Composition I (3)

A study of the essentials of English composition and rhetoric, with emphasis on expository essays. English majors and minors must earn a grade of C or better prior to enrolling in any ENG or MSCM course for which ENG 1110 is a prerequisite. (Fall, Spring)

ENG 1120. Freshman Honors Seminar: The Nature of Man (3)

Prerequisite: Admission into the University Honors Program. An inquiry into the basic human structures and characteristics. In a given semester, the emphasis will be on rational, religious, psychological, cultural, biological, historical, social, or economic issues. (Fall)

ENG 1130. Freshman Honors Seminar:

Independent Reading, Writing, and Research (3)
Prerequisite: Admission into the University Honors Program. A course that concentrates on reading, writing, and research skills, offering the honors student the opportunity to pursue independent study in his or her field of interest. (Spring)

ENG 1210. English Composition II (3)

Prerequisite: ENG 1110. A continuation of the study of the essentials of English composition and rhetoric. Emphasis on the reading of texts from Literature, the Sciences, and the Social Sciences; expository writing, documentation, and research in response to texts from a variety of disciplines. English majors and minors must earn a grade of C

or better prior to enrolling in any ENG or MSCM course for which ENG 1210 is a prerequisite.

ENG 1250. Elements of Speech Communication (3)
An introduction to the elements of interpersonal communication and public speaking, with emphasis on practical applications. (Fall, Spring)

ENG 1300. Introduction to World Literature I (3)
Prerequisite: ENG 1210. An introduction to the history of world literature from ancient times through the sixteenth century. Designed to provide opportunities for critical reading and the writing of short analytical papers. English majors and minors must earn a C or better prior to enrolling in any ENG or MSCM course for which ENG 1300 is a prerequisite. (Fall, Spring)

ENG 1310. Introduction to the Humanities I (3)
Prerequisite: ENG 1210. An examination of the fundamentals and interrelations of the humanistic disciplines: literature, philosophy, the visual arts, music, dance, drama, film. Humanistic themes such as the concept of the individual, religion, gender, and love explored in some ancient western and non-western civilizations.

ENG 1320. Introduction to the Humanities II (3)
Prerequisite: ENG 1210. A continuation of ENG 1310. Fundamentals of and relations between the humanities re-examined and humanistic themes explored in the modern period. European, American, and Third World cultures included.

ENG 1400. Introduction to World Literature II (3)
Prerequisite: ENG 1210. An introduction to world literature from the seventeenth century to the present. Designed to provide opportunities for critical reading and the writing of short analytical papers. English majors and minors must earn a C or better prior to enrolling in any ENG or MSCM course for which ENG 1400 is a prerequisite. (Fall, Spring)

ENG 1500. Techniques in the Critical Reading of Literature (3)
Prerequisite: ENG 1210. A study of the practical and technical skills involved in the reading of literary genres. Specific focus will be placed on critical thinking and on analytical skills which

enhance comprehension of various literary texts, especially poetry. English majors and minors must earn a C or better prior to enrolling in any ENG or MSCM course for which ENG 1500 is a prerequisite.

ENG 1700. Religion and Literature (3)
Prerequisite: ENG 1110. A course designed to explore religious issues in selected world masterpieces.

ENG 2105. Introduction to Technical Writing (3)
Prerequisite: ENG 1210. A study of the tools and techniques of technical writing with individualized assignments pertaining to a student's discipline. Emphasis on letters, instructions, memos, proposals, reports, and collaborative writing. (Fall, Spring)

ENG 2115. Introduction to Linguistics (3)
Prerequisite: ENG 1210. An overview of patterns and use of language. Includes discussion of elements of language (including sound systems, word formation, and syntax), historical change, and social/psychological elements (including social influences and language acquisition). (Spring)

ENG 2200. Introduction to Public Speaking (3)
The study and practice of informative and persuasive public communication, with attention to organization of ideas, oral effectiveness, and speech analysis. (Fall, Spring)

ENG 2220. Sophomore Honors Seminar: A Historical and Comparative Study of Human Institutions I (3)
Prerequisite: Admission into the University Honors Program. An introduction to and comparison of various political, economic, social, and religious institutions throughout history. Emphasis is placed on the importance of human institutions for the historical and social development of mankind.

ENG 2230. Sophomore Honors Seminar: A Historical and Comparative Study of Human Institutions II (3)
Prerequisite: Admission into the University Honors Program. A continuation of ENG 2220.

ENG 2310. Survey of English Literature I (3)
Prerequisite: ENG 1500. A survey of English

literature from its beginning to 1832. (Fall, Spring)

ENG 2320. Survey of English Literature II (3)
Prerequisite: ENG 1500. A survey of English literature from 1832 to the present. (Fall, Spring)

ENG 2340. Contemporary African American Literature (3)
Prerequisite: ENG 1110. An exploration of African American literature with an emphasis on selected twentieth century authors. (Fall, Spring)

ENG 2350. Studies in English Literature (3)
Prerequisite: ENG 1210. An exploration of selected works by authors writing in English. This course focuses on a particular period, movement, genre, or engagement with a cultural or philosophical debate. (Fall, Spring)

ENG 2410. Sacred Texts and Traditions of South Asia (3)
This course employs philosophical and historical analysis to examine the sacred diversities of life in South Asia. Through a textual and social understanding of these diversities, the course introduces an increasingly key world region. In addition to shedding light on past and present socio-cultural life in South Asia, the course holds up a mirror to comparatively reflect on western conceptions of the world, both sacred and secular

ENG 2510. Language, Culture and Communication (3)
The anthropological study of language analyzes communication in light of socio-cultural diversity. This course focuses on the anthropology of language to illustrate how communication practices (as well as linguistic meanings and messages) are comparatively grounded in socio-cultural formations. It examines how language is both an individual and collective form of communication and focuses on how people socio-culturally negotiate, contest and reproduce it over time.

ENG 3105. Professional and Technical Writing (3)
Prerequisites for undergraduates: ENG 2105. A study of professional communication with practice in writing documents such as proposals and formal reports. Formerly offered as ENG 4105.

(Fall, Spring)

ENG 3110. Advanced English Grammar (3)
Prerequisites: ENG 1210 and junior classification. An historical and descriptive study of English grammar. (Fall, Spring)

ENG 3120. Advanced Composition (3)
Prerequisite: ENG 1210 and junior classification. A course that focuses on the writing of critical and informal essays and documented papers. (Fall, Spring)

ENG 3300. Applied Literary Criticism (3)
Prerequisites: ENG 1500. An introduction to several of the techniques and approaches of literary criticism with concentrated study of a few authors. (Fall, Spring)

ENG 3310. Survey of American Literature I (3)
Prerequisite: ENG 1500. A survey of American literature from its beginning to the Civil War. (Fall, Spring)

ENG 3320. Survey of American Literature II (3)
Prerequisite: ENG 1500. A survey of American literature from the Civil War to the present. (Fall, Spring)

ENG 3400. Junior-Senior Seminar (3)
Prerequisites: ENG 1500. An investigation of special topics and problems in language and literature with emphasis on the writing of critical analyses. (Spring)

ENG 3410. African American Literature I (3)
Prerequisites: ENG 1500. A survey of poetry and prose by major figures in African American literature from its inception through the Harlem Renaissance. (Fall, Spring)

ENG 3420. African American Literature II (3)
Prerequisite: ENG 1500. A survey of poetry and prose by major figures in African American literature since the Harlem Renaissance. (Fall, Spring)

ENG 3430. Social Inequality in South Asia through Literature and Film (3)

This course employs literature and film to focus on culture and society in South Asia (i.e., India, Pakistan, Bangladesh, Sri Lanka and Nepal). By reading the stories of individuals and groups in social context and across genres, this course explores cultural forms of discrimination in South Asia and people's strategies for bettering their everyday lives through social justice.

ENG 3505. Women's Literature (3)

Prerequisite: ENG 1500 or permission of the instructor. An examination of selected literature by women from the Middle Ages to the present, with attention to the effects of race, class, and gender.

ENG 3605. Contemporary Literature (3)

Prerequisite: ENG 1500 or permission of the instructor. A study of selected recent literature.

ENG 3700. Creative Writing: Prose (3)

Prerequisite: ENG 1210. Opportunities for students to develop their potential in various forms of creative prose with an emphasis on the short story. (Fall)

ENG 3800. Creative Writing: Poetry (3)

Prerequisite: ENG 1210. Opportunities for students to develop their potential in writing various forms of poetry with an emphasis on the lyric. (Spring)

ENG 4000. The History of the English Language (3)

Prerequisites: ENG 1210 and ENG 3110. An introduction to the study of the philological and historical development of the English language from the Old English period to modern times. (Fall)

ENG 4110. The Nineteenth-Century Novel (3)

Prerequisites: ENG 1500; 2310, 2320 or 2330; 3310 or 3320; or permission of the instructor. A study of major novels by nineteenth-century writers with emphasis on British and American works. (Fall)

ENG 4120. The Twentieth-Century Novel (3)

Prerequisites: ENG 1500; 2310 or 2320; or permission of the instructor. A study of twentieth-

century novels by major writers from a variety of cultures with emphasis on British and American works. (Spring)

ENG 4200. Modern African Literature (3)

Prerequisites: ENG 1500. A study of African literature from 1930 to the present.

ENG 4210. Fiction, Film and South Asia's Past (3)

This course addresses how contemporary film and fiction represent South Asia's past. It combines writing and films to analyze questions about society, economy and power in South Asia. By highlighting such questions, the course explores people, events and historical processes in modern and early modern South Asia.

ENG 4300. Shakespeare (3)

Prerequisites: ENG 1500 and one of the following: 2310 or 2320. A study of selected comedies, histories, and tragedies. (Fall)

ENG 4320. English Drama (3)

Prerequisites: ENG 1500 and one of the following: 2310 or 2320. A study of English drama from the beginning to the end of the nineteenth century. (Fall)

ENG 4420. Contemporary British and American Drama (3)

Prerequisites: ENG 1500 and one of the following: 2310 or 2320. A study of representative British and American dramatists of the twentieth century. (Spring)

ENG 4700. Twentieth-Century British Literature (3)

Prerequisites: ENG 1500 and one of the following: ENG 2310 or 2320. An intensive study of twentieth-century British poets and prose writers with emphasis on the major figures of the modernist period.

ENG 4900. Integrating Reading and Writing (3)

Prerequisite: Formal acceptance into the School of Education for English with Licensure. A study of methods designed to prepare middle and high school language arts teachers to plan English curricula. Course content focuses on unit and lesson planning. (Fall, Spring)

Mass Communications Course Descriptions

MSCM 2400. Introduction to Mass Communication: Structure and Social Impact (3)
 Prerequisite: ENG 1210. Introduction to the role of mass communication in society and to the structure, function, and social impact of the communications media. Extensive discussion of media institutions, theories, practices, professional fields, and effects on society, groups, and individuals. (Fall, Spring)

MSCM 2430. Mass Media and Society (3)
 Prerequisite: ENG 1210. Examination of the mass media in relation to social institutions, public opinion, and government. Includes issues such as media violence, socialization, and entertainment. (Fall, Spring)

MSCM 2440. Reporting and Writing for Mass Media (3)
 Prerequisite: ENG 1210. A study of the techniques and tools for gathering and reporting the news and an introduction to news writing with emphasis on the organization and development of news stories. (Fall, Spring)

MSCM 2460. Mass Media and American Popular Culture (3)
 Prerequisite: ENG 1210. Exploration of the relationship between mass media and popular culture; introduction to techniques of media analysis and consideration of the aesthetics of such cultural artifacts as best-selling fiction and television comedies. (Fall)

MSCM 2470. Diversity and the Media (3)
 Prerequisites: ENG 1210, MSCM 2400. An examination of the portrayal of minorities in the mass media with emphasis on African Americans, Hispanics, Native Americans, and Asian Americans. Also focuses on the history of the minority media and the ways minority groups have produced media to meet their needs. (Spring)

MSCM 2480. New Technologies and Society (3)
 Prerequisites: ENG 1210, MSCM 2400. A survey of developing telecommunication systems and technologies, such as optical/digital technologies, and how they affect traditional electronic media

and society. Explores the social practices and communicatory processes that new technologies encourage and subvert. (Fall)

MSCM 3450. History of Mass Communication (3)
 Prerequisite: ENG 1210. Examination of the emergence of the free press, including the African American press, and the development of mass media in the United States. Study of the technical, cultural, political and economic forces that have shaped mass media in our society. (Fall, Even Years)

MSCM 3460. International Communication (3)
 Prerequisite: ENG 1210. An exploration of issues and implications of international information flow and of the uses of media (radio, television, film, Internet, etc.) and press systems. (Spring, Even Years)

MSCM 3500. Introduction to Film Criticism (3)
 Prerequisite: ENG 1210. Introduction to the study of cinema aesthetics with emphasis on film history, genres and African American film. (Spring)

MSCM 3505. Photojournalism (3)
 Prerequisites: ENG 1210, MSCM 2400. Introduction to the visual and technical aspects of 35mm and digital photojournalism. Practical experience in photographing general news events, sports, features, and other standard newspaper subjects. (Spring)

MSCM 3510. Advanced Reporting (3)
 Prerequisites: ENG 1210, MSCM 2440. Practice in gathering and writing news for the mass media with particular emphasis on developing the student's news judgment and writing skills. Attention to detailed reporting and interpretation, field assignments, team reporting, and computer-assisted reporting. (Fall)

MSCM 3520. Copy Editing (3)
 Prerequisites: ENG 1210, MSCM 2440. A study of the tools and techniques of modern editing, with emphasis on the editor's role in a desktop publishing environment. Designed to provide experience with every stage of the copy flow from copy editing to final paste-up. Includes units on

media law and ethics. (Fall)

MSCM 3525. Desktop Publishing (3)

Prerequisites: ENG 1210, MSCM 2440.

Introduction to graphic design techniques in newsletters, magazines and newspapers. The focus of the course is to practice skills necessary for layouts and graphics from conception to finished product using desktop publishing and photo editing software. (Spring)

MSCM 3540. Feature Writing for Newspapers and Magazines (3)

Prerequisites: ENG 1210, MSCM 2440. Practice in researching, developing and organizing, and writing feature articles for newspapers and magazines, as well as analysis of style and trends in newspaper and magazine feature stories. (Spring, Even Years)

MSCM 3560. Writing for Radio and Television (3)

Prerequisites: ENG 1210, MSCM 2400.

Introduction to writing news and public affairs copy for broadcast media, public service announcements, radio and television commercials, broadcast continuity, and dramatic programs. (Fall, Spring)

MSCM 3570. Audio Production (3)

Prerequisites: ENG 1210, MSCM 3560.

Introduction to the basic principles of audio production, including the operation of studio equipment and the writing, producing, and presenting of programs. (Fall, Spring)

MSCM 3580. Video Production (3)

Prerequisites: ENG 1210, MSCM 3560.

Introduction to the fundamentals of small-systems video production. A study of the basic techniques of television studio and field production. Topics include camera use, lighting, sound in television production, producing, directing and editing. (Fall, Spring)

MSCM 3590. Public Relations (3)

Prerequisites: ENG 1210, MSCM 2440. Study of the theory and practice of public relations. Analysis of public relations as a communication function of organizations. (Fall)

MSCM 3600. Internship in Mass Media (3)

Prerequisites: ENG 1210, MSCM 2400. Approval by a faculty committee and a minimum grade point average of 3.0 in English courses and 2.6 overall are also required. A guided internship in the mass media that will give students experience needed for career planning and development. (Fall, Spring)

MSCM 3610. Issues in Media (3)

Prerequisites: ENG 1210, MSCM 2430. A seminar on selected topics in contemporary media studies. (Spring, Odd Years)

MSCM 4600. Mass Communication Theory and Research (3)

Prerequisites: ENG 1210, MSCM 2400, 2430. A study of the development and scope of mass communication theory. Analysis of social/behavioral and critical/cultural approaches to mass communication theory. Study of the use and analysis of research in mass communication. (Fall, Spring)

MSCM 4610. Communication Law and Ethics (3)

Prerequisites: ENG 1210, MSCM 2400. A study of legal and ethical issues relating to the practice of mass communication; study of constitutional guarantees, freedom and responsibility of the press, libel law, rights of privacy, professional standards and industry self-regulation. (Fall, Spring)

MSCM 4620. Media Practicum (3)

Prerequisites: ENG 1210, MSCM 2400, 2440. Guided on-the-job training with on-campus media and organizations. Choice of workplace depends on concentration. (Fall, Spring)

MSCM 4625. Advanced Audio Production (3)

Prerequisites: ENG 1210, MSCM 2400, 3570. Advanced analysis and application of the principles and methods of audio production, with emphasis on studio technique. (Fall, Odd Years)

MSCM 4635. Advanced Video Production (3)

Prerequisites: ENG 1210, MSCM 2400, 3580. Advanced analysis and application of the principles and methods of video production, with emphasis on creative and technical skills required

for preparing media programs. A hands-on, project-based approach to video production offering basic instruction in digital video production and editing. (Fall, Even Years)

MSCM 4640. Corporate and Institutional Video (3)
Prerequisites: ENG 1210, MSCM 2440, 3580.
Application of video and computer technology in training, employee relations, public relations, and other non-broadcast applications. (Fall, Even Years)

MSCM 4641. Documentary (3)
Prerequisites: ENG 1210, MSCM 2400 and 3560.
Workshop in the production of audio and/or video nonfiction or documentary projects. The course focuses on narrative, representational, and aesthetic strategies of documentary production. Students produce a documentary (individually or in small groups) and complete workshop projects that provide experience in conceptualization and project development.

MSCM 4645. Public Issues Reporting (3)
Prerequisites: ENG 1210, MSCM 2440. An advanced study of reporting on public issues, with emphasis on government, the courts, and public agencies and special problems, such as race relations, ecology, welfare and tax reform, minority rights and consumerism. Attention to

detailed reporting and interpretation. (Spring)

MSCM 4650. Independent Study (3)
Prerequisites: ENG 1210, MSCM 2440 and permission of the instructor. A minimum grade point average of 3.0 in English courses and 2.6 overall are also required. A specialized critical and detailed study of problems in mass communication. (Fall, Spring)

MSCM 4670. Media Management Policies (3)
Prerequisites: ENG 1210, MSCM 2400, 2440. A study of management of media organizations, especially small daily and weekly newspapers, including an analysis of problems of the African American press and electronic media. Attention to community relations and public service issues. (Fall, Odd Years)

MSCM 4680. Internship in Mass Media II (3)
Prerequisites: ENG 1210, MSCM 2400, ENGM 3600. Approval by a faculty committee and a minimum grade point average of 3.0 in English courses and 2.6 overall are also required. A guided internship in the mass media that will give students experience needed for career planning and development. (Fall, Spring)

Philosophy

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Although not available as a major, Philosophy is available as a minor, and Philosophy courses are among the requirements for the general Education Curriculum and for certain majors. The courses also provide valuable skills and knowledge as electives. The course offerings are administered by the Department of English and Mass Communications.

Philosophy Course Descriptions

PHIL 1000. Introduction to Philosophy (3)
 An investigation of the methods and goals of philosophy as a distinctive mode of inquiry. The primary goals of the course are to enable the student to gain an understanding of what is involved in the philosophical search for truth and to provide the student with an opportunity to develop the capacity for philosophical thinking. (Fall, Spring)

PHIL 2000. Critical Thinking (3)
 An introduction to basic rules and principles of critical thinking through an examination of the nature and structure of different kinds of argument. The goal of the course is to enhance the student's ability to think clearly and rationally.

PHIL 2010. Images of Man (3)
 A critical examination of the major theories of human nature, including Confucianism, Hinduism, the Bible, Plato, Marx, Freud, and Skinner.

PHIL 2110. History of Philosophy I: Ancient and Medieval Philosophy (3)
 An historical survey of philosophy from classical antiquity through the Medieval period with special attention given to the philosophies of Plato, Aristotle, and Aquinas.

PHIL 2120. History of Philosophy II: Modern

Philosophy (3)
 An historical investigation of major philosophers of the seventeenth and eighteenth centuries, with special emphasis on Descartes, Spinoza, Leibniz, Locke, and Berkeley.

PHIL 2210. Ethics (3)
 A critical examination of ethical theories and contemporary issues related to social and economic justice. (Fall, Spring)

PHIL 2300. Logic (3)
 A study of deductive arguments, problems with ordinary language, logical fallacies, modern symbolic logic, and inductive logic and scientific method. (Fall, Spring)

PHIL 2320. Philosophy of Mind (3)
 Examination of philosophical problems related to understanding the nature of the mind, such as the mind-body problem, the nature of self-knowledge, the criterion of the mental, the problem of consciousness, the problem of other minds, the problem of personal identity, and the analysis of particular psychological concepts, such as desire, belief, and intention.

PHIL 2400. Business Ethics (3)
 An examination of ethical questions and issues related to business decisions, practices and policies.

PHIL 2500. Religions and the World (3)
 A comparison of the major religions of the world, including Christianity, Judaism, Islam, Hinduism, and Buddhism. The course examines the views of each religion concerning the concept of deity, human nature, the meaning and purpose of life, and the conditions of salvation/enlightenment.

PHIL 2520. Epistemology (3)
 Examination of theories of knowledge, including problems concerning the analysis of knowledge and belief, skepticism, foundations of knowledge, epistemic justification, social epistemology, reasoning, theories of truth, testimony, memory, and perceptual knowledge.

PHIL 3120. Philosophy of Science (3)

An investigation of the nature of science, scientific laws and theories, and scientific explanation in both the natural and social sciences.

PHIL 3210. Social and Political Philosophy (3)

An analysis of central concepts in the logic of political obligation, justice, and law. The course explores the place of legal judgment in the context of value judgment in general.

PHIL 3220. Philosophy of Religion (3)

An examination of the divine attributes, religious experience, faith, religious diversity, immortality, and conflicts between religion and science.

PHIL 3320. Philosophy of Existence (3)

A study of philosophical literature dealing with basic aspects and dimensions of human existence. The primary purpose of the course is to provide a philosophical investigation of the “human

condition.”

PHIL 4210. Philosophy of Art (3)

An analysis of fundamental concepts of art such as beauty, form, aesthetic pleasure, together with an examination of some of the major philosophies of art.

PHIL 4220. Philosophy and Reality (3)

A study of philosophical theories dealing with the nature of ultimate reality.

PHIL 4500. Independent Study (3)

Permission of the Instructor is required. An intensive, comprehensive investigation of a particular philosopher, school of philosophy, or philosophical issue.

HISTORY

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The Department of History offers a major and minor in history at the baccalaureate level. The primary mission of the department is to educate both undergraduate and graduate students in the search for truth through excellence in teaching, scholarly research, and service, thus developing students with knowledge, technological competence, aesthetic and ethical values to be successful in a global society. The Department will provide history majors and minors with an educational environment and experience that will prepare them to teach at the secondary school level, to pursue graduate study, or to find employment in law, government service, industry, and other public and private sectors.

Students majoring in history must complete a minimum of 42 semester hours of courses beginning at the 2000 level, including History 1100, at least one seminar in history, and a concentration or double major. The history minor must complete a minimum of 21 semester hours of courses beginning at the 2000 level, including History 1100 and at least one seminar in history. The department also offers certification in secondary social studies. Students seeking teaching certification also must complete a minimum of 42 semester hours and the required education courses.

COURSE REQUIREMENTS THE BACHELOR OF ARTS IN HISTORY

History (Major):

1. Complete a minimum of 126 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 credit hours must be completed at NCCU.
2. Freshman and sophomore years complete the General Education Requirements. See the

"General Education" section in this catalog.

3. History major requirements-complete the following:
 - a. HIST 1100.
 - b. HIST 2000 (must be taken in sophomore year).
 - c. HIST 2210, 2220.
 - d. HIST 2890.
 - a. Two courses from the following areas. No more than one course in one area: African History, European History, and Latin American History.
 - b. One seminar course from HIST 4010, 4020, 4040, 4050, 4060, 4070 (must be taken senior year).
 - e. At least 18 hours from any other 2000 level or higher undergraduate course.
 - a. In courses A-F students must earn at least a grade of "C". "D" or "F" grades must be repeated.
 - f. A minimum GPA of 2.0 in the major is required for graduation.
4. Concentration (24 hours). At least 9 hours must be in the same area.
 - a. African American Studies
 - b. African Diaspora
 - c. Global Studies
 - d. Creative / Critical Writing
 - e. Education
 - f. Francophone Studies
 - g. History of Ideas
 - h. Historical Preservation
 - i. Information Management
 - j. International Relations
 - k. Latin American Studies
 - l. Media Communications
 - m. Psycho History
 - n. Public Speaking / Reporting
5. Double Major (at least 24 hours)
 - a. Criminal Justice
 - b. English-Literature
 - c. English-Journalism
 - d. English Media-Communication
 - e. Geography
 - f. Health Education

- g. Human Sciences
- h. Modern Foreign Languages-French
- i. Modern Foreign Languages-Spanish
- j. Political Science
- k. Psychology
- l. Sociology

MINOR IN HISTORY

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years complete the General Education Requirements. See the "General Education" section in this catalog.
3. A minimum GPA of 2.0 is required for the major.
4. History minor requirements- complete the following:
 - a. HIST 1100.
 - b. HIST 2000 (must be taken in sophomore year).
 - c. HIST 2210, 2220.
 - d. HIST 2890.
 - e. One seminar course from HIST 4010, 4020, 4040, 4050, 4060, 4070 (must be taken senior year).
 - f. History elective.
 - g. In courses A-E students must earn at least a grade of "C". "D" or "F" grades must be repeated.

HISTORY, COMPREHENSIVE SOCIAL STUDIES

1. Complete a minimum of 126 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.

2. Freshman and sophomore years complete the General Education Requirements. See the "General Education" section in this catalog.
3. Complete the following courses:
 - a. POLS 2100 or 2120.
 - b. GEOG 1000 or 1100 or 2100.
 - c. ECON 2200 or 2300
 - d. BIOL 1101 or 1201 or CHEM 1100.
4. History major requirements-complete the following:
 - a. HIST 1100.
 - b. HIST 2000 (must be taken in sophomore year).
 - c. HIST 2210, 2220.
 - d. HIST 2890.
 - e. HIST 4310.
 - f. Two European History courses (6 hours).
 - g. Two African and or African American history courses (6 hours).
 - h. One seminar course from HIST 4010, 4020, 4040, 4050, 4060, 4070 (must be taken senior year).
 - i. At least 3 hours from any other 2000 level or higher undergraduate history course.
 - j. In courses A-E and H students must earn at least a grade of "C". "D" or "F" grades must be repeated
5. Education requirements:
 - a. GPA of 2.5 or higher for admission to teacher education.
 - b. EDU 2600, 2800, 3000, 3010, 3030, 3120, 3150, 3170, 4010, 4126, 4226.
 - c. A GPA of 2.0 is required for the major.

Four-Year Curriculum Plan in History

Freshman Year

Fall Semester	Credits	Spring Semester	Credits
	3	*ENG 1210 English Comp.	3
*ENG 1110 English Comp.			
*MFL Level III	3	*SOSC GEC Requirement	3
*HIST 1320 World Societies	3	*MATH GEC Requirement	3
*MATH GEC Requirement I	3	*HEDU 1531 Health	2
*HUSC 1521 Dimensions of Learning	2	*HUM Arts & Humanities I or II	3
*PEDU 1541 Fitness	2	+HIST 2210 U.S. Hist. To 1865	3

Sophomore Year

Fall Semester	Credits	Spring Semester	Credits
*SCI GEC Requirement I	3	*SCI GEC Requirement II	3
*HUM GEC Requirement	3	+HIST 2220 U.S. Since 1865	3
ENG 1250 Speech (SI)	3	+HIST 2890 Met. & App.	3
+HIST 1100 World Societies to 1650	3	+HIST Concentration	3
+HIST 2000 Historical Writing (WI)	3	& General Elective	3

Junior Year

Fall Semester	Credits	Spring Semester	Credits
+HIST Afr./Eur./Lat. Am. Hist	3	+HIST Afri./Eur./Lat.Am.	3
+HIST Hist. Elective	3	+HIST Elective	3
+HIST Hist. Elective	3	+HIST Elective	3
+HIST Concentration (2)	6	+HIST Concentration (2)	6
& General Elective	3	& General Elective	3

Senior Year

Fall Semester	Credits	Spring Semester	Credits
+HIST Hist. Elective	3	+HIST History Seminar	3
+HIST Hist. Elective	3	+HIST Concentration	6
+HIST Concentration	3	& General Electives (2)	6

Total Minimum Credit Hours: 126

*GEC General Education core Curriculum Courses

+ History Required Courses / History Concentration Courses

& General Electives

SI = Speaking Intensive

WI = Writing Intensive

**Placement scores will determine if students are required to complete MFL I or II before MFL III and MATH 1000 before the GEC Mathematics Requirements.

Four-Year Curriculum Plan in Comprehensive Social Studies

Freshman Year

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Comp.	3	*ENG1210 English Comp.	3
*MFL Level III	3	*SOSC GEC Requirement	3
*HIST 1320 World Societies	3	*MATH GEC Requirement	3
*HUSC 1521 Dimensions of Learning	2	*HUM Arts & Humanities I or II	3
*PEDU 1541 Fitness	2	+HEDU 1531 Health	2
*MATH GEC Requirement	3	+HIST 2210 U.S. Hist. to 1865	3

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
*SCI GEC Requirement	3/4	*SCI GEC Requirement	3/4
*HUM GEC Requirement	3/2	+HIST 22890 Meth. & App. In Hist.	3
ENG 1250 Speech (SI)	3	=SOCI 2000/2100	3
+HIST 1100 World Societies	3	=GEOG 1000/1100/2100	3
+HIST 2000 Historical Writing (WI)	3	=EDU 2800 Instructional Technology	3
+HIST 2220 U.S. Hist. Si. 186	3	=EDU 2600 Orientation To Teaching	2
		Pass Praxis I for Admission to TEP (SOE)	

JUNIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
+HIST European History	3	+HIST 4310 History of NC	3
+HIST Afr, Afr-Am, Lat	3	+HIST European History	3
& General Elective	3	+HIST African/African American	3
=EDU 3000 Intro. To Ed. Psy.	3	=EDU 3150 Instructional Planning	3
=EDU 3010 Human Growth	3	=EDU 3170 Assess of Learning	3
=POLS2100 American Gov.	3	=EDU3030 Diversity, Pedagogy	3

SENIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
+HIST History Seminar	3	=EDU 4126 Meth. & Materials	3
=ECON 2200 or 2300	3	=EDU 4226 Directed Teaching	6
=EDU 4010 Reading in Content	3		
=EDU 3120 Inclusive teaching	3		
+HIST Elective	3		

Total Minimum Credit Hours: 128

+History Required Courses

*GEC=General Education Curriculum

= Comprehensive Social Studies Required Courses

& General Elective

SI = Speaking Intensive Course; WI = Writing Intensive course

**Placement scores will determine if a student must complete MFL I or II or MATH 1000

HISTORY COURSE DESCRIPTION FOR UNDERGRADUATES

HIST 1100. World Societies to 1650 (3) An examination of the life and history of humans and world societies from the earliest times to A.D. 1650. Fall Semester & Summer Session I

HIST 1320. World Societies (3) A thematic and interdisciplinary study of global, historical, and cultural developments in Africa, Asia, the Americas and Europe from 1450 to the present. Emphasis will be placed on the dynamics of the evolution of modern society by emphasizing religious, intellectual, economic, and political aspects of life and history.

HIST 1530. The Black Experience to 1865 (3) An examination of the roles played by people of African descent in the Americas to 1865. Special emphasis on centering people of African descent in the social, religious, economic, cultural, and intellectual developments in the Americas during this period.

HIST 1540. The Black Experience Since 1865 (3) An examination of the roles played by people of African descent in the United States since 1865. Special emphasis on centering people of African descent in the social, religious, economic, cultural, and intellectual developments in the United States from 1865 to the present.

HIST 2000. Historical Writing and Literature (3) An introduction to historical methods, theories, and bibliographies for undergraduate majors and minors in history and social science.

HIST 2080. Problems in the History of Women to 1750 (3) An examination of selected problems in the history of women to 1750. Special attention will be given to changing historical interpretations of race, class, and gender in analyzing women's experiences.

HIST 2081. Problems in the History of Women Since 1750 (3) An examination of selected problems in the history of women since 1750. Special attention will be given to changing

historical interpretations of race, class, and gender in analyzing women's experiences.

HIST 2110. Ancient History (3) An introduction to the history and the ancient civilizations of Africa, Babylonia, and Persia. It is a study of the government and society of Greece and the early Italian peoples.

HIST 2120. Medieval History (3) An introduction to the break-up of the Roman Empire. The course discusses the Germanic invasions; and the rise of the Papacy, feudalism, and the manorial system. It examines the rise of nation-states and the developing controversy between church and state.

HIST 2210. United States History to 1865 (3) A general survey of U.S. history from the period of discovery, exploration, and settlement to the end of the Civil War.

HIST 2220. United States History Since 1865 (3) A general survey of U.S. history from Reconstruction to the present, emphasizing the Industrial Revolution, social and agrarian movements, and aspects of 20th century American history.

HIST 2410. African History to 1800 (3) A general survey of African developments before 1800, with a discussion of the rise of African states and the impact of outsiders on the continent.

HIST 2420. African History Since 1800 (3) A general survey of African developments since 1800, with a discussion of the dynamics of imperialism as they operated on Africa during the period of the partitioning and subsequent colonization, the rise of African nationalism, the process of decolonization, and the issues facing African states since independence.

HIST 2610. Latin American History: The Colonial Period, 1480-1820: The Colonial Period, (3) A survey of the discovery of the New World, the conquest of the indigenous societies, the processes of cultural transformation, and the independence revolutions of the Latin American colonies.

HIST 2620. Latin American History: The National Period (3) A survey of the problems experienced by the independent Latin American nations in their economic, political and social evolution from 1820 to the present. Special emphasis is given to the development of republicanism, capitalism, and nationalism.

HIST 2750. Native American Societies and Cultures (3) A study of the history of selected Native American societies and cultures in the Americas.

HIST 2910. Histories and Societies of South Asia Prior to 1750 (3) This course addresses the development of society, culture and polity in South Asia (i.e., India, Pakistan, Bangladesh, Sri Lanka and Nepal). It traces the interactions and tensions between society, culture and polity and covers ancient, medieval and early modern South Asia.

HIST 3010. Problems in European History (3)
Prerequisite: At least one European survey course and permission of the instructor. An intensive study of various problems in European history. This course, an elective, may be taken up to three times for credit each time.

HIST 3020. Problems in American History (3)
Prerequisite: At least one American survey course and permission of the instructor. An intensive study of various problems in American history. This course, an elective, may be taken up to three times for credit each time.

HIST 3040. Topics in African History (3)
Prerequisite: At least one African survey course and permission of the instructor. An intensive study of the various problems in African history. This course, an elective, may be taken up to three times for credit each time.

HIST 3070. Topics in the African Diaspora (3) An intensive study of various topics in the history of the African Diaspora.

HIST 3100. Independent Readings in European History (3) Prerequisite: At least one European survey course and permission of the instructor. An

advanced examination through in-depth readings on some topic or country in European history. This course, an elective, may be taken up to three times for credit each time.

HIST 3115. Europe, 1500-1815 (3) An overview of the underlying causes and far-reaching results of the Renaissance and Reformation, the expansion of European powers, the Old Regime, the French Revolution, and Napoleonic Europe.

HIST 3118. Europe, 1815-1914 (3) An overview of the revolutionary movements of the 19th century, the growth of nationalism, and the rise of international rivalries.

HIST 3145. History of Russia to the Revolution (3) An overview of the development of the political, social, economic, and military ideas of Russia to the Bolshevik Revolution.

HIST 3150. History of England to 1688 (3) An overview of the social, intellectual, economic, and political history of England to 1688.

HIST 3160. History of England since 1688 (3) An overview of the social, intellectual, economic, and political history of England from the Glorious Revolution to the present.

HIST 3180. History of France since the Enlightenment. (3) An overview of the social, political, and economic developments in France from the Enlightenment to the present.

HIST 3210. American Military History (3) An examination of the history and evolution of the American military system from colonial times to the present, with a discussion of the early roots of the American military within the context of America's social, economic, and political development.

HIST 3220. Recent United States History (3)
Prerequisite: At least one American survey course and permission of the instructor. An advanced survey of American history since 1900.

HIST 3230. American Urban History (3)
Prerequisite: At least one American survey course

and permission of the instructor. A survey of the growth of American urban history from the colonial period to the present, with a discussion of the relationship of urban society to the development of American political, economic, and social history.

HIST 3250. American Economic History (3)

Prerequisite: At least one American Survey course and permission of the instructor. An advanced study of the American economic system from colonial times to the present, with a concentration on how this system is regulated and how it influences individuals, economic growth, politics, and international relations.

HIST 3260. American Labor History (3) This course traces the history of American workers and organized labor unions from the colonial era to the present. Emphasis will be placed on the interaction between workers and unions and political and economic developments.

HIST 3410. Ancient Africa (3) An in-depth study of the development of Ancient African civilizations and their influence in Africa and the rest of the world.

HIST 3420. State Formation in Pre-Colonial Africa (3) An examination of state formation in Africa from the rise of ancient Ghana about 800 to the founding of Islamic states in West and Central Africa in the nineteenth century.

HIST 3430. Africa Under Colonial Rule (3) An examination of the policies of European colonial administrations in Africa from the partition in the late nineteenth century to the beginnings of the decolonization movement after World War II.

HIST 3440. Africa Since Independence (3) An overview of independent Africa. The course discusses the political, economic and social challenges of independence.

HIST 3450. African Economic History (3) An advanced study of African economic systems from ancient times to the present, with a concentration on how these systems have influenced individuals, states, politics and international relations.

HIST 3500. Independent Readings in African American History (3) Prerequisite: At least one Afro-American survey course and permission of the instructor. An advanced examination through in-depth readings on some topic African American history. This course, an elective, may be taken up to three times for credit each time.

HIST 3510. African American History to 1865 (3) A survey of African American history from their earliest appearance in America to the end of the Civil War.

HIST 3520. African American History Since 1865 (3) A survey of African American history from Reconstruction to the present.

HIST 3600. Independent Readings in Latin American History (3) Prerequisite: At least one Latin American survey course and permission of the instructor. An advanced examination through in-depth readings on some topic or country in Latin American history. This course, an elective, may be taken up to three times for credit each time.

HIST 3630. History of Central America (3) An in-depth study of the political, economic, and social developments in Central American countries since 1800, with particular attention to the independent wars, the struggles to achieve nationhood, cultural integration, economic independence, and social democracy.

HIST 3710. Introduction to African Diaspora History (3) An introduction to the history of the African Diaspora. An in-depth discussion of the dispersal of people of African descent throughout the world.

HIST 3900. Internship in Historical Studies (1-12) A practical hands-on work experience in the historical field. The course integrates academic studies with related and supervised experiences.

HIST 3910. South Asia Under British Imperial Rule, 1750-1885 (3) This course uses readings, lectures and films to focus on the British Empire in South Asia (i.e., India, Pakistan, Bangladesh, Sri Lanka and Nepal). It examines imperialism as a cultural,

economic and political form of domination and emphasizes historical factors leading to its rise in South Asia. The course utilizes British history in South Asia to contextualize past forms of European imperialism, as well as present forms of global domination.

HIST 3920. The Unmaking of the British Empire in India, 1885-1947 (3) This course addresses how India ---a seemingly permanent British imperial possession ---gained independence after the formation of the Indian National Congress 1885. It examines how decolonization results not only from nationalist pressure but a full range of social, political and economic factors.

HIST 4010. Seminar in European History (3)
Prerequisite: At least one European survey course and permission of the instructor. An advanced investigation of special topics in European history with emphasis on the writing of a research paper. Critical attention will be given to the development of each research paper via group critique. This course, an elective, may be taken up to three times for credit each time.

HIST 4020. Seminar in American History (3)
Prerequisite: At least one American survey course and permission of the instructor. An advanced investigation of special topics in American history with emphasis on the writing of a research paper. Critical attention will be given to the development of each research paper via group critique. This course, an elective, may be taken up to three times for credit each time.

HIST 4040. Seminar in African History (3)
Prerequisite: At least one African survey course and permission of the instructor. An advanced investigation of special topics in African history with emphasis on the writing of a research paper. Critical attention will be given to the development of each research paper via group critique. This course, an elective, may be taken up to three times for credit each time.

HIST 4050. Seminar in African American History (3)
Prerequisite: At least one African-American survey course and permission of the instructor. An advanced investigation of special topics in African

American history with emphasis on the writing of a research paper. Critical attention will be given to the development of each research paper via group critique. This course, an elective, may be taken up to three times for credit each time.

HIST 4060. Seminar in Latin American History (3)
Prerequisite: At least one Latin American survey course and permission of the instructor. An advanced investigation of special topics in Latin American history with emphasis on the writing of a research paper. Critical attention will be given to the development of each research paper via group critique. This course, an elective, may be taken up to three times for credit each time.

HIST 4070. Seminar in the African Diaspora (3)
Prerequisite: At least one survey course in African or Afro-American history or the African Diaspora and permission of the instructor. An advanced investigation of special topics in the African Diaspora with emphasis on the writing of a research paper. Critical attention will be given to the development of each research paper via group critique. This course, an elective, may be taken up to three times for credit each time.

HIST 4110. Europe Since 1914 (3) Prerequisite: At least one survey course in European history and permission of the instructor. An advanced survey of the political, economic, social, and intellectual developments of 20th century Europe.

HIST 4120. European Diplomatic History, 1879 to the Present (3) Prerequisite: At least one survey course in European history and permission of the instructor. An advanced study of the forces and events which produced World War I and World War II, the role of the United States in European affairs, and the contemporary picture of Europe and the world.

HIST 4130. Renaissance, Reformation, and European Expansion (3) Prerequisite: At least one survey course in European history and permission of the instructor. An advanced survey of Renaissance thought and the structure of society at the time; Machiavelli; the European discovery of the New World; and the religious, political, and economic consequences of the Reformation.

HIST 4140. The Revolutionary Era and Napoleon (3) Prerequisite: At least one survey course in European history and permission of the instructor. An advanced study of the period from the Enlightenment through the age of Napoleon, with special emphasis on the influence of revolutions on western societies.

HIST 4150. European Intellectual History (3) Prerequisite: At least one survey course in European history and permission of the instructor. An advanced study of the main philosophical, political, economic, and cultural themes of European history.

HIST 4160. The African Presence in Europe (3) Prerequisite: At least one European survey course. An advanced examination of the role of Africans from the continent and peoples of African descent from the United States and the Caribbean in European culture.

HIST 4170. The New Europeans: Race and Ethnic Minorities in Contemporary Europe (3) An examination of the status and experiences of racial and ethnic immigrants in contemporary Europe. The course analyzes the various patterns of movement and settlement of ethnic minorities in Europe during the twentieth century.

HIST 4200. Independent Readings in American History (3) Prerequisite: At least one American survey course and permission of the instructor. An advanced examination through in-depth readings on some topic or country in American history. This course, an elective, may be taken up to three times for credit each time.

HIST 4210. Foreign Relations of the United States (3) Prerequisite: At least one American survey course and permission of the instructor. An advanced survey of the foreign relations of the United States from colonial times to the present.

HIST 4230. Constitutional History of the United States (3) Prerequisite: At least one American survey course and permission of the instructor. An advanced survey of the leading decisions of the United States Supreme Court from the period of Chief Justice John Marshall to the present.

HIST 4310. History of North Carolina (3) Prerequisite: At least one American survey course and permission of the instructor. An advanced survey of the historical, political, economic, cultural, and social developments of North Carolina from its colonial beginnings to the present.

HIST 4400. Independent Readings in African History (3) Prerequisite: At least one African survey course and permission of the instructor. An advanced examination through in-depth readings on some topic or country in African history. This course, an elective, may be taken up to three times for credit each time.

HIST 4450. History of the Making of Contemporary South Africa (3) This course will examine the origins and development of apartheid in South Africa. The focus is to understand the major historical events and people who have shaped the country. It will introduce students to race and ethnic relations, nationalism, racism, industrialization, urbanization and the emergence of democracy.

HIST 4470. History of Pan-Africanism to 1963 (3) Prerequisite: At least one African or Afro-American survey course and permission of the instructor. An advanced introduction to the attempts by African peoples at conceptual and organizational unity. It traces historically those sentiments and organizations that produced a series of Pan-African movements.

HIST 4510. Modern African American History Since 1900 (3) Prerequisite: At least one Afro-American survey course and permission of the instructor. An advanced overview of 20th century Afro-American social, economic, and political movements and personalities.

HIST 4610. History of the Caribbean (3) Prerequisite: At least one Latin American survey course and permission of the instructor. An advanced examination of the history of the West Indies with special attention to the various colonial heritages, the commonality of the African heritage, slavery and its abolition, independence

movements, economic and political problems, and efforts toward federation.

HIST 4620. Latin American Revolution (3)

Prerequisite: At least one Latin American survey course and permission of the instructor. An advanced examination of revolution in Latin America from the perspective of continuity and change. Case studies will be used to explain both the internal and external dimensions of these movements in the context of each country's historical development.

HIST 4630. The African Presence in Latin America (3) Prerequisite: At least one Latin American survey course and permission of the instructor. An examination of the role of African peoples in Latin American history and culture from the period of exploration to the present, with special attention to the Portuguese-Spanish slave trade, conditions of slavery, resistance movements, abolition struggles, cultural influences, the integration process, and present racial relations.

HIST 4640. Latin American History Through Literature and Film (3) Prerequisite: At least one Latin American survey course and permission of the instructor. An advanced analysis of Latin American culture and society through various approaches aimed at enhancing the historical perspective. It seeks to foster an empathy with an understanding of Latin America's past and present role as a member of the global community.

HIST 4755 Topics in African Diaspora History (3)

The course is designed to provide each student with an opportunity to research and write on selected topics in African Diaspora history. Students will present the results of their research in short essays and a major research paper.

HIST 4810. Oral History-Theory (3) Prerequisite:

HIST 2000. An advanced study of the theory of oral history, and how to develop and produce oral history studies.

HIST 4820. Oral History-Applied (3) Prerequisite:

HIST 4810. An advanced study of the application of oral history theory through field work.

HIST 4910. Comparative Slavery (3) Prerequisite:

At least one survey course in African American or Latin American history. A Comparative study of various slave societies in the Americas.

HIST 4940. Fiction, Film and South Asia's Past (cross-listed with English Department) (3)

This course addresses how contemporary film and fiction represent South Asia's past. It combines writings and films to analyze questions about society, economy and power in South Asia. By highlighting such questions, the course explores people, events and historical processes in modern and early modern South Asia.

Modern Foreign Languages

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The Department of Modern Foreign Languages offers the B.A. degree in French and in Spanish (with or without licensure); a Minor in French, German and Spanish; and courses in Elementary Japanese. The department thus not only prepares students who are interested in being certified as foreign language teachers, but also those who are planning any professional career in which knowledge of foreign languages and cultures is essential or desirable or who intend to pursue graduate work in the fields of foreign literatures and linguistics.

French 1142, Spanish 1152, German 1162, and Japanese 1172 satisfy the foreign language requirement of the General Education Curriculum. They develop functional communication skills in listening, speaking, reading, and writing. They cover fundamental structures, vocabulary, pronunciation, intonation, and cross-cultural awareness. In addition to the actual classroom experience, language laboratory work may be required from all students enrolled in a foreign language course. Note: A student may not have to begin a language at the first level depending upon his or her performance on placement tests. These tests, administered at the NCCU Testing Center at the beginning of each semester, are required for any student with two or more years of a high school language wishing to continue study of that language. Students with less than two years of preparation and those wishing to begin a new language should register for either French 1140, Spanish 1150 or German 1160. Enrollment in Japanese 1170, 1171 or 1172 is by permission of the Modern Foreign Language Department only. Interested students must make an appointment with the department chair to obtain permission.

Teacher Education. Students who want to become French or Spanish teachers certified by the State

of North Carolina must complete all the courses and requirements specified by the School of Education, in addition to those of their foreign language major.

The Goals of the Teacher Education Programs

- To prepare linguistically and pedagogically competent teachers of French or Spanish for any level at which they choose to teach.
- To provide for acquisition of competencies required by accreditation agencies.
- To acquire, develop and maintain materials and technology necessary to support the programs.

Course Requirements for the Bachelor of Arts in French

General French Program (Non-Certification)

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher with no grade lower than C in the major. The last 30 hours must be completed at NCCU.
2. During freshman and sophomore years, complete the General Education Curriculum (GEC).
3. Majors must complete 33 hours beyond the 2100 level, including a senior seminar. They must also take 15 additional hours of advised electives.
 (These are waived for double majors such as Criminal Justice and French.
 - a. FREN 2200, 2300, 3000, 3080, 3100, 3110, 4110, 4200, 4210 or 4220, and 4800
 - b. One course from the following: FREN 4210 or 4220, 4230, 4300, 4400, 4420, 4500, 4600, 4610, 4900
 - c. FREN 4700 Study Abroad with variable credit may apply

French, Secondary Education Program (Certification):

1. Complete a minimum of 124 semester hours with a cumulative GPA of 2.5 or higher with no

grade lower than C in the Major. The last 30 hours must be completed at NCCU.

2. During freshman and sophomore years, complete the General Education Curriculum (GEC).
3. Majors must complete 33 hours beyond the 2100 level, including a senior seminar. (The 15 additional hours of advised electives are waived for double majors such as Criminal Justice & French and for the Teacher Education Option).
 - a. FREN 2200, 2300, 3000, 3080, 3100, 3110, 4110, 4200, either 4210 or 4220, 4800.
 - b. one course from the following: FREN 4210 or 4220, 4230, 4300, 4400, 4420, 4500, 4550, 4900.
 - c. FREN 4700 Study Abroad with variable credit may apply.
4. Education requirements (Student must have an overall GPA of 2.5 or higher for admission to the teacher education program): EDU 2600, 2800, 3000, 3010, 3020, 3120, 3130, 3150, 3170, 4110, 4950, 4210.

Course Requirements for the Bachelor of Arts in Spanish

General Spanish Program (Non-Certification):

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher with no grade lower than C in the Major. The last 30 hours must be completed at NCCU.
2. During freshman and sophomore years, complete the General Education Curriculum (GEC).
3. Majors must complete 33 hours beyond the 2100 level, including a senior seminar. They must also take 15 additional hours of advised electives. (These are waived for double majors such as Nursing and Spanish and for the Teacher Education Option.)
 - a. SPAN 2200, 2300, 3080, 3100, 4110, 4200, 4800.
 - b. One course from SPAN 3110, 3120.
 - c. One course from SPAN 3210, 3220, 3300.

- d. One course from SPAN 4210, 4220.
- e. One additional course from the above choices or from other SPAN courses above SPAN 2100.
- f. SPAN 4700, Study Abroad with variable credit may apply.

Spanish, Secondary Education Program (Certification):

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher with no grade lower than C in the major. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years complete the General Education Curriculum (GEC).
3. Majors must complete 33 hours beyond the 100 level, including a senior seminar. (The 15 additional hours of advised electives are waived for double majors such as Nursing and Spanish and for the Teacher Education Option.)
 - a. SPAN 2200, 2300, 3080, 3100, 4110, 4200, 4800.
 - b. One course from SPAN 3110, 3120.
 - c. One course from SPAN 3210, 3220.
 - d. One course from SPAN 4210, 4220.
 - e. One course from the following not used to meet one of the above requirements: SPAN 2010, 3110, 3120, 3210, 3220, 3300, 4210, 4220, 4230, 4300, 4320, 4400, 4510, 4520, 4600, 4900.
 - f. SPAN 4700, Study Abroad with variable credit may apply.
4. Education requirements - Student must have an overall GPA of 2.5 or higher for admission to the Teacher Education Program. EDU 2600, 2800, 3000, 3010, 3020, 3120, 3130, 3150, 3170, 4110, 4950, 4210.

The Minor in French, German, or Spanish

The Minor in a Foreign Language is designed to enhance student career opportunities by providing a secondary field of expertise no matter

what the major may be. It is especially useful for students majoring in a field where significant contributions to knowledge come from outside the English-speaking world or where actual career practice involves contact with significant numbers of non-English speakers. The Minor in French, German, or Spanish consists of at least 21 semester hours in the target language. This includes the first three General Education Curriculum (GEC) courses (or placement) plus four additional courses. In French and Spanish, the GEC courses should be followed immediately by the 2100 and 2200 courses. In German, the GEC courses may be followed by any 2000-level German course.

International Studies in Modern Foreign Languages

Students at NCCU may register for off-campus classes in critical languages that are not offered on our campus. Opportunities for study abroad are also available.

- Foreign Language 4600 (FL4600) Off Campus.
- Foreign Language Study (variable credit)
- French 4700 Study Abroad Programs
- Spanish 4700 Study Abroad Programs
- German 4700 Study Abroad Programs

Four-Year Curriculum Plan in French without Licensure

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1110	English Comp I	3	*ENG	1210	English Comp II	3
*FREN	1142	GEC French III	3	+FREN	2100	Inter French I	3
*MATH		GEC Math I	3	*SOCI	GEC	Soc Science II	3
*SOCI		GEC Social Science I	3	*MATH	1531	GEC Math II	3
HUSC	1521	Dimensions of Learning	2	*HEDU	1531	Health	2

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1250	Elements of Speech	3	*HUM	GEC	Arts & Hum II	3
+FREN	2200	Inter French II	3	+FREN	2300	Francophone Lit 3	
*HUM		GEC Arts & Hum I	3	+FREN	3000	Phonetics	3
*PEDU	1541	Fitness	2	*SCI		GEC Science I	3
		=Area Elective	3	*HIST	1320	World Societies	3
		Area Elective	3			=Area Elective	3

Junior Year

Fall Semester			Credits	Spring Semester			Credits
+FREN	3080	Syntax/Comp	3	+FREN	4110	Adv Gram & Comp	3
+FREN	3100	Oral/Written Exp I	3	+FREN	4200	Oral/Written Exp II	3
+FREN	3110	His/Civ	3			=Area Elective	3
*SCI		GEC Science II	3			Area Elective	3
		=Area Elective	3			Area Elective	3
						Elective	3

Senior Year

Fall Semester			Credits	Spring Semester			Credits
+FREN	4210/4220	Survey French Lit	3	+FREN	4800	Senior Seminar	3
FREN		Elective	3			=Area Elective	3
		Elective	3			Area Elective	3
		Elective	3			Area Elective	3
		Elective	3			Elective	2

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*	Core Curriculum Courses	42
+	Required French courses	33
=	Required Area Electives	15
<	Suggested Area Electives:	

FREN 4230 Special Topics (3); FREN 4300 French Lit of the 17th Century (3); FREN 4400 French Lit of the 18th Century (3); FREN 4420 French Lit of the 19th Century (3); FREN 4500 French Lit of the 20th Century (3); FREN 4550 Black African and Caribbean Lit in French (3); FREN 4600, 4610 Techniques in Translation I, II (3,3); FREN 47—Study Abroad Programs (variable credit)

Four-Year Curriculum Plan in French with Licensure

Freshman

Fall Semester			Credits	Spring Semester			Credits
*ENG	1110	English Comp I	3	*ENG	1210	English Comp II	3
*FREN	1142	French III	3	+FREN	2100	Inter French I	3
*MATH	GEC Math I		3	*Math	GEC Math II		3
*SOCI	GEC Social Science I		3	*SOCI	GEC Soc Science II		3
*HUSC	1521	Dimensions of Learning	2	*HEDU	1531	Health	2
				*PEDU	1541	Fitness	2

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1250	Elements of Speech	3	*HUM	GEC	Arts & Hum II	3
+FREN	2200	Inter French II	3	+FREN	2300	Francophone Lit	3
*HUM	GEC Arts & Hum I		3	+FREN	3000	Phonetics	3
%EDU	2600	Orientation to Teaching	3	%EDU	2800	Comp/Instr Tech	3
%EDU	3000	Educational Psychology	3	%EDU	3010	Hum Growth/Dev	3

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*HIST	1320	World Societies	3	*SCI	GEC Science I		3
+FREN	3080	Syntax/Comp	3	+FREN	4110	Adv Gram & Comp	3
+FREN	3100	Oral/Written Exp I	3	+FREN	4200	Oral/Written Exp II	3
+FREN	3110/3120	Hist/Civ	3	%EDU	3120	Exceptionalities	2
*SCI	GEC Science II		3	%EDU	3130	Cultural Diversity	1
%EDU	3020	Foundations	3	%EDU	3150	Instruc Planning	3
				%EDU	3170	Assessment	3

Senior Year

Fall Semester			Credits	Spring Semester			Credits
+FREN	4210/4220	Survey Span Lit	3	+FREN	4800	Senior Seminar	3
=FREN		Elective	3	%EDU	4950	Spec Topics/2 nd Lang	3
%EDU	4110	Mat/Meth K-12	3	%EDU	4210	Directed Teaching	6
		=Area Elective	3	=Area Elective			3
				=Area Elective			3

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*	Core Curriculum Courses	42
+	French	33
%	Education	33
=	Electives	16

Four-Year Curriculum in Spanish Without Licensure

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1110	English Comp I	3	*ENG	1210	English Comp II	3
*SPAN	1152	GEC Span III	3	*SPAN	2100	Inter Span I	3
*MATH	GEC	Math I	3	*SOCI	GEC	Social Science	3
*SOCI	GEC	Social Science I	3	*MATH	GEC	Math II	3
*HUSC	1521	Dimensions of Learning	2	*HEDU	1531	Health	2

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1250	Elements of Speech	3	*HUM	GEC	Arts & Hum II	3
+SPAN	2200	Inter Span II	3	+SPAN	2300	Hispanic Lit	3
*HUM	GEC	Arts & Hum I	3	*SCI	GEC	Science I	3
*PEDU	1541	Fitness	2	*HIS	1320	World Societies	3
		=Area Elective	3	SCI		Area Elective	3
		Area Elective	3			=Area Elective	3

Junior Year

Fall Semester			Credits	Spring Semester			Credits
+SPAN	3080	Syntax/Comp	3	+SPAN	3210/3220/3300	3	
					Lit/Afro-His Lit		
+SPAN	3100	Oral/Written Practice	3	+SPAN	4110	Adv Gram & Comp	3
+SPAN	3110/3120	Latin Am Culture	3	+SPAN	4200	Oral/Wri Exp II	3
*SCI	GEC	Science II	3			=Area Elective	3
		=Area Elective	3			Area Elective	3
						Area Elective	2

Senior Year

Fall Semester			Credits	Spring Semester			Credits
+SPAN	4210/4220	Survey Span Lit	3	+SPAN	4800	Senior Seminar	3
+SPAN		Elective	3			=Area Elective	3
		Elective	3			Area Elective	3
		Elective	3			Area Elective	3
		Elective	3			Elective	2

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*	Core Curriculum Courses	42
+	Spanish Required Courses	33
=	Required Area Electives	15
<	Suggested advised area electives:	

SPAN 4230 Special Topics (3); SPAN 4300 Lit of the Golden Age I (3); SPAN 4320 Lit of the Golden Age II (3); SPAN 4400 Contemporary Lit (3); SPAN 4510 The Latin American Novel (3); SPAN 4520 Latin American Poetry (3); SPAN 4600,4610 Techniques of Translation I, II (3,3); SPAN 4700 Study Abroad Programs (variable credit)

Four-Year Curriculum Plan in Spanish with Licensure

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1110	English Comp I	3	*ENG	1210	English Comp II	3
*SPAN	1152	GEC Span III	3	+SPAN	2100	Inter Span I	3
*MATH		GEC Math I	3	*SOCI		GEC Soc Science II	3
*SOCI		GEC Social Science I	3	*MATH		GEC Math II	3
*HUSC	1521	Dimensions of Learning	2	*HEDU	1531	Health	2
				*PEDU	1541	Fitness	2

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1250	Elements of Speech	3	*HUM	GEC	Arts & HUM II	3
+SPAN	2200	Inter Span II	3	+SPAN	2300	Hispanic Lit	3
*HUM		GEC Arts & Hum I	3	%EDU	2800	Comp/Instruc Tech	3
%EDU	2600	Orientation to Teach	3	%EDU	3010	Hum Growth/Devel	3
%EDU	3000	Ed Psychology	3	*SCI		GEC Science I	3
*HIST	1320	World Societies	3				

Junior Year

Fall Semester			Credits	Spring Semester			Credits
+SPAN	3080	Syntax/Comp	3	+SPAN	3210/3220/3300		
						Lit/Afro-Hispanic Lit	3
+SPAN	3100	Oral/Written Practice I	3	+SPAN	4110	Adv Gram & Comp	3
+SPAN	3110/3120	Hist/Civ	3	+SPAN	4200	Oral/Written Exp II	3
*SCI		GEC Science II	3	%EDU	3120	Exceptionalities	2
%EDU	3020	Ed Foundation	2	%EDU	3130	Cultural Diversity	1
				%EDU	3150	Instruc Planning	3
				%EDU	3170	Assessment	3

Senior Year

Fall Semester			Credits	Spring Semester			Credits
+SPAN	4210/4220/	Survey Spanish Lit	3	+SPAN	4800	Senior Seminar	3
=SPAN		Elective	3	%EDU	4950	SpecTopics/2 nd Lang	3
%EDU	4110	Mat/Meth K-12	3	%EDU	4210	Directed Teaching	6
		Area Elective	3				
		Area Elective	2				
		Area Elective	2				

TOTAL CREDIT HOURS: 124

Distribution of Hours

*	Core Curriculum Courses	42
+	French	33
%	Education	33
	Electives	16

FRENCH COURSE DESCRIPTIONS FOR UNDERGRADUATES

FREN 1000. Introduction to French Language and Culture (3) The course is designed to foster an understanding of the French people through the study of their customs, their institutions, and their most outstanding artistic and scientific achievements. The course is taught in English; no knowledge of French is needed.

FREN 1020. Francophone Culture (3)
Designed to acquaint students with the main characteristics of the culture and civilization of countries using the French language outside of France, especially those of Africa and the Caribbean. The course is taught in English; no knowledge of French is needed.

FREN 1040, 1050. Basic Conversational French (2,2)
Strictly conversational courses for beginners. Emphasis on sentences and vocabulary related to everyday situations.

FREN 1140. Elementary French I (3)
An introduction to the basis of the French language. Fundamentals of pronunciation, structure, and vocabulary prepare the students to carry on simple conversations in everyday, concrete situations. The four communication skills (listening comprehension, speaking, reading, writing) are developed within the cultural context of the target language.

FREN 1141. Elementary French II (3)
Prerequisite: FREN 1140 or the equivalent. A proficiency-based course developing the four communication skills (listening comprehension, speaking, reading, writing) and fostering understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

FREN 1142. Elementary French III (3)
Prerequisite: FREN 1141 or the equivalent. A proficiency-based course developing the four communication skills (listening comprehension, speaking, reading, writing) and fostering

understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

FREN 2100. Intermediate French I (3)
Prerequisite: FREN 1141 or the equivalent. Emphasis is placed upon oral communications, reading for direct comprehension, and brief written exposition.

FREN 2120. Technical and Commercial French (3)
Prerequisite: FREN 2100 or the equivalent. Introduction to the language of the French and Francophone business worlds, including the economy, government policy, banking, insurance, unions, corporate law, La Bourse, advertising, import/export, and monetary policy. Conducted in French.

FREN 2200. Intermediate French II (3)
Prerequisite: FREN 2100 or the equivalent. Development of skills in spoken and written French, with attention to fundamental structures. Listening to authentic language samples. Reading of short journalistic and/or literary texts.

FREN 2300. Introduction to Francophone Literature (3)
Prerequisite: FREN 2200 or the equivalent. Guided reading of literary texts illustrating a variety of genres, periods, and movements. Composition and discussion in French.

FREN 3000. Applied Phonetics (3)
Prerequisite: FREN 2200 or the equivalent. Formal study and application of rules of French pronunciation. Use of IPA in transcriptions. Listening and speaking practice.

FREN 3080. Syntax and Composition (3)
Prerequisite: FREN 2200 or the equivalent. Progressive development of writing skills. Stress on functional grammar, syntactical, and lexical concepts. Integration of writing and other skills.

FREN 3100. Oral and Written Expression I (3)

Prerequisite: FREN 2200 or permission of Department. Practical speaking and listening development. Emphasis on broadened vocabulary, use of idioms, and communication strategies in both spoken and written expression.

FREN 3110. French Culture and Civilization (3)

Prerequisite: FREN 2200 or permission of Department. A survey of the major social, political, artistic, literary, and spiritual forces which produced the culture and civilization of France. Conducted in French.

FREN 3130. Francophone Film (3)

Area elective credit for majors. Survey of selected Francophone and Caribbean films and filmmakers. The films-which reflect the socio-political, economic and cultural issues of African and Caribbean societies at various stages in their history-are discussed within thematic, aesthetic and stylistic frameworks.

FREN 4110. Advanced Grammar and Composition (3)

Prerequisite: FREN 3080 or permission of Department. Integration of the formal aspects of language within the context of written expression. Diverse written assignments.

FREN 4200. Oral and Written Expression II (3)

Prerequisite: FREN 3100 or permission of Department. Intensive practice in the spoken and written language. Emphasis on new vocabulary and idioms through reports, discussions, and performance.

FREN 4210. Survey of French Lit (3)

Prerequisite: FREN 2200 or permission of Department. A panoramic view of the development of French literature from the Middle Ages to the end of the 18th century. Conducted in French.

FREN 4220. Survey of Francophone Literature (3)

Prerequisite: FREN 2200 or permission of Department. A panoramic view of the development of Francophone literature in the 19th and 20th centuries. Conducted in French.

FREN 4230. Special Topics (3)

Prerequisite: FREN 2300, 3110 or permission of Department. Focused study on a topic or theme related to Francophone literature and/or culture, such as tradition versus modernity in French-speaking Africa and the New World, cultural assimilation versus the search for and affirmation of cultural identity, literature of political revolt, etc. May be taken two times for credit each time.

FREN 4300. French Literature of the Seventeenth Century (3)

A comprehensive study of the classical period in French literature, its origins, manifestations, and influences. Conducted in French.

FREN 4400. French Literature of the Eighteenth Century (3)

A study of the growth and development of liberalism and the idea of progress in literature during the Age of Reason, Montesquieu, Voltaire, Rousseau, and the Encyclopedists. Conducted in French.

FREN 4420. French Literature of the Nineteenth Century (3)

A study of the major authors and literary trends in prose and poetry: Romanticism, Realism, Naturalism, Parnassianism, Symbolism, and the precursors of Surrealism. Conducted in French.

FREN 4500. French Literature of the Twentieth Century (3)

A comprehensive study of major authors and ideas from 1920 to the present time. Emphasis on Proust, Gide, Mairaux, Camus, and Sartre. Conducted in French.

FREN 4550. Black African and Caribbean Literature in French (3)

Study of the themes and the styles of 20th-century black writers from countries such as Guadeloupe, Martinique, Haiti, Senegal, and the Ivory Coast through selected poems, essays, "contes, and novels. Conducted in French.

FREN 4600, 4610. Techniques in Translation I and II (3)

Techniques of translation studied through comparative language patterns. Two-way translation using various types of written prose is

emphasized, and oral translation of the spoken language is introduced.

FREN 4700. Study Abroad Programs (Variable credit)

Courses completed with a program or university in a French-speaking country.

FREN 4800. Senior Seminar (3)

Advanced seminar treating a special topic in Francophone literature and/or culture chosen by the instructor. Required for majors.

FREN 4900. Independent Study (3)

Prerequisite: Permission of the Department.

Individual work under the direction of a faculty member who reviews and approves the topic of study and determines the means of evaluation. May be taken two times for credit each time.

FREN 5000. French: A Reading Knowledge (0)

Prerequisite: Permission of the Department.

Designed to assist graduate students in preparing for the foreign language examination. Successful completion of course fulfills the graduate foreign language requirement.

FL-4600. Off Campus Foreign Language Studies

Designed to grant credit for foreign language courses taken at another institution.

SPANISH COURSE DESCRIPTIONS FOR UNDERGRADUATES

SPAN 1000. Introduction to Contemporary Spanish Culture, Civilization, and Language (3)

Designed for the non-major who wants to understand modern Spain and use a few practical expressions. The major emphasis is on cultural distinction and patterns of daily living in Spain. Taught entirely in English.

SPAN 1020. Introduction to Contemporary Latin American Culture, Civilization, and Language (3)

Designed for the non-major who wants to understand modern Latin America and to learn a few practical Spanish expressions. The major emphasis is on the cultural distinction and patterns of daily living in the Latin American republics. Taught entirely in English.

SPAN 1040, 1050. Basic Conversational Spanish (2,2)

A strictly conversational course for beginners.

Emphasis on sentences and vocabulary related to everyday situations.

SPAN 1150. Elementary Spanish I (3)

An introduction to the basics of the Spanish language. Fundamentals of pronunciation, structure and vocabulary prepare the student to carry on simple conversations in everyday, concrete situations. The four communication skills (listening comprehension, speaking, reading, writing) are developed within the cultural context of the target language.

Spanish 1151. Elementary Spanish II (3)

Prerequisite: SPAN 1150 or the equivalent. This is the second of a two-semester proficiency-based sequence (with Spanish 1150) to develop further the four communications skills (listening comprehension, speaking, reading, writing) and understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

Spanish 1152. Elementary Spanish III (3)

Prerequisite: SPAN 1151 or the equivalent. This is the third of a three-semester proficiency-based sequence (with Spanish 1151) to develop further the four communications skills (listening comprehension, speaking, reading, writing) and understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

SPAN 2010. Masterpieces of Spanish Literature before 1898 in English Translation (3)

A historical and critical study of selected masterpieces of Spanish literature in English translation. Designed to acquaint the student lacking Spanish reading skills with the literary resources of the language. No knowledge of Spanish needed.

SPAN 2020. Masterpieces of Spanish Literature after 1899 in English Translation (3)

Representative works from contemporary Spanish literature studied in English translation. No knowledge of Spanish needed.

SPAN 2100. Intermediate Spanish I (3)
Prerequisite: SPAN 1151 or equivalent.
Development of skills in spoken and written Spanish with attention to fundamental structures. Listening to authentic language samples. Reading of short journalistic and/or literary texts.

SPAN 2110. Spanish for Health Professions (3)
Practical introduction to the vocabulary and situations encountered by doctors, nurses and other health professionals. Emphasis on the skills of speaking and listening.

SPAN 2120. Technical and Commercial Spanish (3)
Practical business vocabulary and terminology. Emphasis on everyday spoken and written Spanish. Reading and discussions of cultural differences affecting international relations.

SPAN 2140. Spanish for Law Enforcement (3)
Practical introduction to vocabulary and situations encountered in the criminal justice system. Emphasis on the skills of speaking and listening.

SPAN 2150. Hispanic Literature in Translation (3)
Representative works of Spain and/or Latin-America. May include poetry, prose and drama. Taught in English.

SPAN 2200. Intermediate Spanish II (3)
Prerequisite: SPAN 2100 or equivalent.
Development of skills in spoken and written Spanish with attention to fundamental structures. Listening to authentic language samples. Readings of short journalistic and/or literary texts.

SPAN 2300. Introduction to Hispanic Literature (3)
Prerequisite: SPAN 2200 or equivalent. Guided reading of literary texts illustrating a variety of genres, periods and movements. Composition and discussion in Spanish.

SPAN 3080. Syntax and Composition (3)
Prerequisite: SPAN 2200 or equivalent.
Progressive development of writing skills. Stress on fundamental grammatical, syntactical and lexical concepts. Integration of writing and other skills.

SPAN 3100. Oral and Written Expression I (3)
Prerequisite: SPAN 2200 or permission of Department. Practical speaking and listening. Emphasis on broadened vocabulary, use of idioms, and communication strategies in both spoken and written expressions.

SPAN 3110. Spanish Culture and Civilization (3)
Prerequisite: SPAN 2200 or permission of Department. A survey of Spanish culture. The development of Spanish history, thought, art and literature is stressed. Conducted in Spanish.

SPAN 3120. Latin American Culture and Civilization (3)
Prerequisite: SPAN 2200 or permission of Department. A survey of Latin American culture. The development of Latin American history, thought, art and literature is presented. Conducted in Spanish.

SPAN 3210. Survey of Spanish Literature from Beginning to 1700 (3)
Prerequisite: SPAN 2200 or permission of Department. Examines the main periods, trends, genres and most representative works of Spanish peninsular literature from its beginning to the end of the Golden Age. Conducted in Spanish.

SPAN 3220. Survey of Spanish Literature Since 1700 (3)
Prerequisite: SPAN 2200 or permission of Department. Examines the main periods, trends, genres and most representative works of Spanish peninsular literature from the early nineteenth century to the Spanish post- Civil War period. Conducted in Spanish.

SPAN 3300. Introduction to African-Hispanic Literature (3)
Prerequisite: SPAN 2200 or permission of Department. Study of the African element as an important theme in modern Spanish American

literature in selected plays, poems and stories by Hispanics of African ancestry. Given in Spanish.

SPAN 4110. Advanced Grammar and Composition (3)

Prerequisite: SPAN 3080 or permission of Department. Integration of the formal aspects of language within the context of written expression. Diverse written assignments.

SPAN 4200. Oral and Written Expression II (3)

Prerequisite: SPAN 3100 or permission of Department. Intensive practice in the spoken and written language. Emphasis on systematic study and use of new vocabulary through oral reports and class discussions based on contemporary life and topics of interest.

SPAN 4210. Survey of Latin-American Literature I (3)

Prerequisite: SPAN 2300 or permission of Department. A survey of writers and movements from the conquest to modernism. Includes works by Hispanics of African ancestry, indigenous, mestizo and women writers. Conducted in Spanish.

SPAN 4220. Survey of Latin-American Literature II (3)

Prerequisite: SPAN 2300 or permission of Department. Continuation of the survey from modernism to the contemporary period. Includes works by Hispanics of African ancestry, indigenous, mestizo and women writers. Conducted in Spanish.

SPAN 4230. Special Topics (3)

Prerequisite: SPAN 2300, 3110 or permission of Department. Focused study on a topic or theme related to Hispanic literature and/or culture; such as Literature of the Mexican Revolution, Chicano Literature, Feminist Literature, etc. May be taken two times for credit each time.

SPAN 4300. Literature of the Golden Age I (3)

A study of Cervantes and his period with analytical readings of Don Quixote and of selected novelas ejemplares. Conducted in Spanish.

SPAN 4320. Literature of the Golden Age II (3)

The development of the Spanish drama with critical readings of selected plays by Lope de Vega, Tirso de Molina, Calderon, Rojas Zorrilla, and Alarcon. Conducted in Spanish.

SPAN 4400. Contemporary Literature (3)

A study of the most important trends from the Generation of 1898 to the present day. Conducted in Spanish.

SPAN 4510. The Latin American Novel (3)

A study of the development of the novelistic genre in Latin America, with special emphasis of the novel of social protest. Conducted in Spanish.

SPAN 4520. Latin American Poetry (3)

The poetic movements of Latin America, with emphasis on Modernism and African-Cuban poetry. Conducted in Spanish.

SPAN 4600, 4610. Techniques of Translation I and II (3,3)

Techniques of translation studied through comparative language patterns. Two-way translation using various types of written prose is emphasized and oral translation of the spoken language is introduced.

SPAN 4700. Study Abroad Programs (Variable credit)

Courses completed with a program or university in a Spanish-speaking country.

SPAN 4800. Senior Seminar in Hispanic Studies (3)

Advanced seminar treating a special topic in Hispanic literature and/or culture chosen by the instructor. May be designed around topics such as Women Writers, Literature of Revolution, Testimonial Literature, Postmodern Fiction, Magic Realism, the Fantastic, Film. Required of majors.

SPAN 4900. Independent Study (3)

Prerequisite: Permission of the Department. Individual work under the direction of a faculty member who reviews and approves the topic of study and determines the means of evaluation. May be taken two times for credit each time.

SPAN 5000. Spanish: A Reading Knowledge (0)

Prerequisite: Permission of the Department
Designed to assist graduate students in preparing for the foreign language examination. Successful completion of the course fulfills the graduate foreign language requirement.

GERMAN COURSE DESCRIPTIONS FOR UNDERGRADUATES

German 1160. Elementary German I (3)

This is the second of a two-semester proficiency-based sequence (with German 1161) to develop further the four communications skills (listening comprehension, speaking, reading, writing) and understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

German 1161. Elementary German II (3)

Prerequisite: GERM 1160 or the equivalent. This is the second of a two-semester proficiency-based sequence (with German 1160) to develop further the four communications skills (listening comprehension, speaking, reading, writing) and understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

German 1162. Elementary German III (3)

Prerequisite: GERM 1161 or the equivalent. This is the third of a three-semester proficiency-based sequence (with German 1161) to develop further the four communications skills (listening comprehension, speaking, reading, writing) and understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

GERM 2010. Masterpieces of German Literature in English Translation (3)

A survey of the masterpieces of German Literature in English translation. Includes text and cinematic materials. Given in English.

GERM 2101. Applied German (3)

Prerequisite: GERM 1161 or the equivalent.
Extension and application of skills to materials

individualized to match students major fields of study. Preliminary study of requisite grammar and resource tools leads to an individualized examination of authentic texts from business, the natural sciences, the social sciences, the arts, or humanities. Also open to graduate students seeking practical refresher course. Successful completion of the course fulfills the graduate foreign language requirement. Given in German.

GERM 2102. Conversational German (3)

Prerequisite: GERM 1161 or the equivalent. A continuation of the development of the five basic language skills with an emphasis on listening comprehension and speaking. Continued vocabulary building; use of authentic spoken and visual materials as starting points for extended verbal interchange on topics of personal expression and use in daily life. Given in German.

GERM 2103. Grammar and Composition (3)

Prerequisite: GERM 1161 or the equivalent. A continuation of the development of the five basic language skills with an emphasis on writing for specific purposes. Continued vocabulary building; review, extension, and application of structural and grammatical elements into connected writing. Given in German.

GERM 2104. Introduction to German Civilization (3)

Prerequisite: GERM 1161 or the equivalent. A survey of the major political, economic, social, and artistic developments in Germany from tribal beginnings to 1945. Major topics include Norse Mythology and pre-Christian values, church and state conflict, Gothic and Barock styles, The Reformation, industrialization, and the rise of nationalism. Readings, discussion, and some composition in German.

GERM 2105. Introduction to German Literature (3)

Prerequisite: GERM 1161 or the equivalent. A guided reading of samples and excerpts from literary texts illustrating the broad variety, periods and movements in German literature. Introduces general definitions, concepts and modes of

approach to literary study. Readings, discussion, and some composition in German.

GERM 2106. Contemporary Germany (3)

An investigation of Post-War Germany designed to provide students from any field with an understanding of the dynamics of modern day Germany. Topics range from the Nazi legacy and consequences of the war to the economic miracle, the political division and reunification, the status of women, the educational system, artistic developments, religious life, daily customs and attitudes, the persistence of racism, and Germany in the new world order. Given in English.

GERM 3080. Syntax and Composition (3)

Prerequisite: GERM 2103 or the equivalent.

Progressive development of writing skills. Stress on

fundamental, functional grammatical, syntactical, and lexical concepts. Integration of writing and other skills.

GERM 3100. Oral and Written Expression I (3)

Prerequisite: GERM 2102 or Permission of Department. Practical speaking and listening development. Emphasis on broadened vocabulary, use of idioms, and communication strategies in both connected spoken and written expression. Given in German.

GERM 4110. Advanced Grammar and Composition (3)

Prerequisite: GERM 2103 or permission of Department. Integration of the formal aspects of language within the context of written expression. Diverse writing assignments.

GERM 4210. Survey of German Literature (3)

Prerequisite: GERM 2105 or permission of Department. A survey of the types, periods, and major movements of German literature. Readings, discussion, and composition in German.

GERM 4230. Special Topics (3)

Prerequisite: GERM 2104 or 2105 or 2106 or permission of Department. A focused study on a topic

or theme related to German literature and/or culture. May be taken two times for credit each time.

GERM 4700. Study Abroad Programs (Variable credit) Courses completed with a program or university in a German-speaking country.

GERM 4900. Independent Study (3)

Prerequisite: Permission of Department. Individual work under the direction of a faculty member who reviews and approves the topic of study and determines the means of evaluation. May be taken two times for credit each time.

JAPANESE COURSE DESCRIPTIONS FOR UNDERGRADUATES

JAPN 1170. Elementary Japanese I (3)

The first of a two-semester proficiency-based sequence (with JAPN 1171) to develop the four communications skills (listening comprehension, speaking, reading, writing) and to explore culturally determined attitudes and behaviors. An interactive classroom approach emphasizes linguistic performance of students as they apply the language to concrete situations using essential vocabulary and structures.

JAPN 1171. Elementary Japanese II (3)

Prerequisite: JAPN 1170 or the equivalent. The second of a two-semester proficiency-based sequence (with JAPN 1170) to develop further the four communications skills (listening comprehension, speaking, reading, writing) and understanding of culturally determined attitudes and behaviors. An interactive classroom approach requires students to carry out tasks essential to functioning in the target culture.

JAPN 2100. Intermediate Japanese I (3)

Prerequisite: JAPN 1170, JAPN 1171. Development of skills in spoken and written Japanese with emphasis on listening, speaking, reading, writing, and culture.

Music

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The Department of Music offers a strong, diversified curriculum leading to the Bachelor of Arts degrees in Music and Music Education with NC licensure, and the Bachelor of Music degree in Jazz Studies. The Bachelor of Arts in Music offers concentrations in the areas of Sacred Music and Music Industry. In addition, the department also offers a minor in music at the baccalaureate level. The department emphasizes cultural diversity, thorough musical preparation, and professionalism. The curriculum provides a major in music that includes the cultivation of requisite skills, the acquisition of professional knowledge, and the development of aesthetic appreciation. The music department provides opportunities for undergraduate research and internships with professional organizations as a foundation for further educational advancement, employment opportunities and graduate study.

Students who desire to major in music are required to audition before the music faculty to demonstrate the extent of their music proficiency.

Unless special permission is granted by the department, all students with a major in music shall be required to continue individual instruction in some phase of musical performance throughout the four years of their degree curriculum, and are required to perform in student recitals or workshops in their primary performance area at least twice each semester. Unless special permission is granted, music majors are also required to participate in one of the music ensembles each semester (See "Ensembles" described in this section of the catalog) and, in their senior year, to perform on their primary instrument or voice in a public recital approved by the faculty. Music majors with a concentration in

Music Industry are required to present a significant related project approved by the faculty. Music Industry majors may also present a senior recital in addition to the required project. All music majors are required to pass the Piano Proficiency Examination as partial fulfillment of graduation requirements. All students are required to perform 15 clock hours of community service each semester.

Degree Requirements for Bachelor of Arts in Music, Liberal Arts

1. Complete a minimum of 128 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) Program. See "General Education Curriculum" section in this Catalog.
3. Major requirements:
 - MUSL 1010, 1050, 1060, 1070, 1080 (or their equivalent), 1220, 1600, 2110, 2120, 2210, 2220, 2405, 3410, 3420, 3920, 4600 with a cumulative grade point average of 2.70 or higher for ALL music courses.
 - Enrollment in an applied music primary course every semester.
 - Enrollment in a musical ensemble every semester.
 - Enrollment in workshops/recitals every semester.
 - Piano Proficiency Examination, with passing grades in all five (5) areas of keyboard skill.

Degree Requirements for Bachelor of Arts in Music, Sacred Music Concentration

The Sacred Music Concentration is designed to provide preparation and skill development, both academically and musically, for students planning to organize, direct and provide music for a church music program.

1. Complete a minimum of 128 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) Program. See "General Education Curriculum" section in this Catalog.

Major requirements:

MUSL 1010, 1050, 1060, 1070, 1080 (or their equivalent), 1220, 1600, 2110, 2120, 2210, 2220, 2405, 3410, 3420, 3920, 4600, 3200, 3210, 3320, 3560, 4010, 4030, 4750, 4920, 4760 with a cumulative grade point average of 2.70 or higher for ALL music courses.

Elective courses may be selected from other courses within the department with the consent of the instructor.

- Enrollment in an applied music primary course every semester.
- Enrollment in a musical ensemble every semester.
- Enrollment in workshops/recitals every semester.
- Piano Proficiency Examination, with passing grades in all five (5) areas of keyboard skill.

Degree Requirements for Bachelor of Arts in Music, Music Industry Concentration

The Music Industry Concentration is designed: to acquaint students with the concepts and methodologies of the music industry; to provide excellence in specialized career preparation for the contemporary music profession; and to focus upon legal, financial and ethical aspects of a career in music, by providing educational experiences which interrelate skills and methodologies necessary to manage the artistic, financial, and ethical challenges facing the musician of today. This Concentration contains two track areas: one in business for those interested in combining music performance with knowledge in the financial and business areas of the industry; the other in Media, which emphasizes the communications aspects of the industry. Each

track consists of twenty-one (21) hours of electives.

1. Complete a minimum of 128 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) Program. See "General Education Curriculum" section in this Catalog.

Major requirements:

MUSL 1010, 1050, 1060, 1070, 1080 (or their equivalent), 1220, 1600, 2110, 2120, 2210, 2220, 2405, 3410, 3420, 3920, 4600, 3000, 3800, 3860, 3870, 4860, 4210, 4900, ENGM 2430, 2440, 3570, 3580 (if Media track) ECON 2200, 2300, MKT 3210, 3350 (if Business track)

Elective courses may be selected upon consultation with and consent of the faculty advisor.

- Enrollment in an applied music primary course in the freshman and sophomore semesters.
- Enrollment in a musical ensemble in the freshman and sophomore semesters.
- Enrollment in workshops/recitals each semester.
- Piano Proficiency Examination, with passing grades in all five (5) areas of keyboard skill.

Degree Requirements for Bachelor of Arts in Music, Ethnomusicology Concentration

The Ethnomusicology Concentration is designed to prepare students who wish to discover the rich variety of musical expressions throughout the world by combining hands-on musical experience with academic study. Students in this concentration will be exposed to genres such as the Classical musics of Europe and China, Cajun dance, Cuban son, Hip-Hop, Nigerian Juju, Javanese gamelan, Navajo ritual healing, and Hawaiian chant. Ethnomusicology is interdisciplinary by nature and so ethnomusicologists may also be trained as anthropologists, musicologists, folklorists, educators, performers, composers, dancers,

archivists, librarians, historians, linguists, cultural analysts, cognitive psychologists, and in other disciplines. This Concentration will provide opportunities for students to explore new ways of looking at music from cultural and social perspectives and how musical systems have evolved over time.

1. Complete a minimum of 128 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) Program. See "General Education Curriculum" section in this Catalog.

Elective courses may be selected upon consultation with and consent of the faculty advisor.

Major requirements:

MUSL 1010, 1220, 2210, 2220, 2110, 2120, 3110, 3410, 3420; four semesters of APPL; four semesters of ensembles (chosen with the guidance of the advisor) MUSL 3850, MUSL 4600, MUSL 3900, MUSL 4850.

Complete 21 credit hours from the Global Studies Degree, African Diaspora Concentration course offerings: ENG 4200, FREN 2300, FREN 4550, GEOG 4310, HIST 2410, HIST 2420, HIST 3070, HIST 3710, HIST 4070, HIST 4160, HIST 4170, HIST 4631, HIST 4910, SPAN 3301, DRAM 4140, ART 1200, ART 2030, ART 3030, MUSL 1001, MUSL 3200, MUSL 2800, MUSL 4810, MUSL 4820, JAZZ 4000, or others as approved by the advisor. Students are strongly encouraged to take HIST 3070, HIST 3710, and HIST 4070.

- Students will complete a final project in MUSL 4850 instead of recital.
- Complete 20 credit hours electives. Choices may include: MUSL 1001, MUSL 1050, MUSL 1060, MUSL 1070, MUSL 1080, MUSL 3200, MUSL 2800, MUSL 4810, MUSL 4820, JAZZ 4000
- Enrollment in an applied music primary course in the freshman and sophomore semesters.
- Enrollment in workshops/recitals in each semester.

- Enrollment in a musical ensemble in the freshman and junior semesters.
- Piano Proficiency Examination, with passing grades in all five (5) areas of keyboard skill.

THE FACULTY OF THE DEPARTMENT OF MUSIC RESERVES THE RIGHT TO AMEND THE PROGRAM REQUIREMENTS AND POLICIES OF THE CONCENTRATIONS IN MUSIC INDUSTRY, SACRED MUSIC AND ETHNOMUSICOLOGY.

Degree Requirements for Bachelor of Arts in Music Education with K-12 Licensure, Instrumental Concentration

1. Complete a minimum of 128 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 hours must be completed at NCCU College of Liberal Arts
2. Complete the General Education Curriculum (GEC) Program. See "General Education Curriculum" section in this Catalog.

3. Major requirements:

- MUSL 1010, 1050, 1060, 1070, 1080 (or their equivalent), 1220, 1600, 2110, 2120, 2210, 2220, 2405, 3110, 3410, 3420, 3500, 3530, 3560, 3600, 3601, 3602, 3860, 3920, 4600 with a cumulative grade point average of 2.70 or higher for ALL music courses.
- Enrollment in an applied music primary course every semester except the student teaching semester.
- Enrollment and participation in a large ensemble every semester except the student teaching semester. Enrollment and participation in a minimum of one small ensemble during matriculation.
- Enrollment in applied piano until the piano proficiency examination is passed.
- Enrollment in workshops/recitals every semester except the student teaching semester.
- Praxis I test taken at the end of the sophomore year.
- Course requirements within the NCCU School of Education: EDU 3000, 3010, 3030, 3120, 4118, 4218.

The student must have a grade point average of 2.50 or higher and pass Praxis I for admission to the NCCU Teacher Education Program.

Degree Requirements for Bachelor of Arts in Music Education with K-12 Licensure, Voice or Keyboard Concentration

1. Complete a minimum of 128 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) Program. See "General Education Curriculum" section in this Catalog.
3. Major requirements:
 - MUSL 1010, 1220, 1600, 2110, 2120, 2210, 2220, 2405, 2450, 3110, 3410, 3420, 3530, 3560, 3600, 3601, 3860, 3920, 4600 with a cumulative grade point average of 2.70 or higher for ALL music courses.
 - MUSL 1050, 1060, 1070 and 1080 (or their equivalent, if voice concentration), or MUSL 1270 (if keyboard concentration).
 - Enrollment in an applied music primary course every semester except the student teaching semester.
 - Enrollment in a large ensemble every semester except the student teaching semester. Enrollment and participation in a minimum of one small ensemble during matriculation.
 - Enrollment and participation in workshops/recitals every semester except the student teaching semester.
 - Praxis I test taken at the end of the sophomore year.
 - Course requirements within the NCCU School of Education:

EDU 3000, 3010, 3030, 3120, 4118, 4218.

The student must have a grade point average of 2.50 or higher and pass Praxis I for admission to the NCCU Teacher Education Program.

- Piano Proficiency Examination, with passing grades in all five (5) areas of keyboard skill.

Degree Requirements for Bachelor of Music in Jazz Studies

1. Complete a minimum of 128 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) Program. See "General Education Curriculum" section in this Catalog.
3. Major requirements:
 - MUSL 1010, 1050, 1060, 1070, 1080 (or their equivalent), 1220, 1600, 2110, 2120, 2210, 2220, 2405, 3410, 3420, 4600.
 - Jazz majors must also take the following jazz courses: JAZZ 1571, 2020, 2100, 2250, 2260, 3100, 4000, 4700, 4730 with a cumulative grade point average of 2.70 or higher for ALL music courses.
 - Enrollment in an applied music primary course every semester.
 - JAZZ 2020 is required for six semesters of the degree program.
 - Enrollment in workshops/recitals every semester.
 - Enrollment in Jazz Ensemble every semester.

Note: Students double majoring in the Bachelor of Music in Jazz Studies and the Bachelor of Arts in Music Education teacher licensure programs (voice, instrumental or keyboard applied major instruments) are required to take a minimum of one (1) semester of University Choir, Symphonic or Marching Band.

The Piano Proficiency Examination

All music majors are required to pass a piano proficiency examination by the senior year, demonstrating proficiency in the following areas:

- a. Performance of an appropriate independently prepared piece, for general musicianship. The chosen selection should be at the minimum of

Level 4 Piano Solos in the Jane Smisor Bastien Piano Series. Performances are evaluated on pitch and rhythmic accuracy and on observance of interpretive detail.

- b. Sight reading at the minimum of Level 3 of the James Bastien Sight Reading Series.

Guideline: no more than 3 errors (pitch or rhythm) per line of music.

- c. Harmonization and improvisation of a simple accompaniment to a given tune using basic chords. Students will be expected to be able to respond to standard harmonic indications (I, IV, V7, etc.) as well as to common lead sheet notation (Dm, AM, E7, etc.).

Guidelines: no more than 3 errors (pitch or rhythm) per line of music.

- d. Transposition of similar melodies and harmonization's up or down a major or minor second. Guideline: no more than 3 errors (pitch or rhythm) per line of music.

- e. Play all scales and arpeggios (triadic) in two octaves, hands together, at M.M. 40 = quarter note, scale to be played in eighth notes.

Guideline: no more than 2 errors (pitch or rhythm) per scale or arpeggio.

The Piano Proficiency Examination is administered once at the end of each semester during the regular school year. Sign-up sheets are posted and students sign for specific time slots.

Students are urged to take the Piano Proficiency Examination at the end of the sophomore year. If not passed at the first attempt, the examination or any portion of it may be repeated the end of the following and later semesters until the Examination is passed. The student must demonstrate evidence that work had been undertaken to improve any deficiencies (such as enrolling in secondary piano classes) in any of the areas (sight reading, harmonization, etc.) before sections may be repeated. Music Education majors must have passed all parts of the Piano

Proficiency Examination before the semester of student teaching.

The Minor in Music

Students who desire to minor in music are required to audition before the music faculty to demonstrate the extent of their music proficiency.

1. Students who elect a minor in music must complete a minimum of twenty-two (22) semester hours in music.
2. Minor requirements: MUSL 1010, (1050, 1060 for instrumentalists and vocalists), 1220, (1270 for keyboardists), 2110, and 2405.
3. Additional courses may be selected with the consent of the student's music advisor on the basis of the student's interest and needs.
4. Four (4) semesters of participation in ensemble courses (vocal or instrumental) and four (4) semesters of participation in applied music primary courses and workshop/recital courses are required.
5. Additional electives may be selected from among the other music courses, upon consultation with consultation from the music advisor. The department generally suggests that electives be selected from the following:

MUSL 2210, 2220 (Harmony II, III)
 MUSL 2120, 3110 (Ear Training and Sight Singing II, III)
 MUSL 2450 (Introduction to Brass and Woodwind Methods)
 MUSL 2800 (Music in the United States)
 MUSL 2850, 2860 (Music for the Stage, Music for the Orchestra)
 MUSL 3000 (Commercial Music)
 MUSL 3200 (Gospel Music History)
 MUSL 3530 (Early Childhood and Intermediate Music Methods)
 MUSL 3560 (Choral & Instrumental Methods)
 MUSL 3800 (The Music Industry)
 MUSL 3850 (The Black Composer)
 MUSL 3900 (Music of Africa)
 MUSL 3910 (Music of India)

MUSL 4010 (Church Music Organization & Literature)
 MUSL 4030 (Hymnology)
 MUSL 4810, 4820 (African-American Music: Vocal, Instrumental)
 JAZZ 4000 (History of Jazz)

Ensembles

Music majors are required to participate in University vocal or instrumental ensembles (large and small) appropriate to their major area of concentration. Voice and piano majors must perform in the University Choir and voice majors will perform a minimum of one semester in the Operatorio Performance Studies Ensemble; string majors must perform in the String Ensemble; jazz majors are required to perform in the Jazz Ensemble and the Jazz Combo; guitar majors must perform in Guitar Ensemble, and percussion majors in Percussion Ensemble. Students may also

elect to perform in any other ensembles offered by the department.

Applied Music

Applied music courses (private lessons) are open to all music majors and to other students in the university upon permission of the instructor. Students with a major in music shall complete at least eight semesters of applied primary courses; and students in music education must complete seven semesters of primary applied courses. Applied music lessons are offered in piano, organ, voice, and the various string, woodwind, brass and percussion instruments. All primary applied music courses consist of one fifty-minute lesson per week. Such courses carry one semester credit hour. Secondary applied courses consist of one thirty-minute lesson per week and carry one-half semester credit hour.

Many courses listed in the first year of these plans are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Music Education - Instrumental Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1010	Fundamentals		3	+MUSL	1010	Fundamentals		3
+MUSL	2110	Ear Training/SS I		2	+MUSL	2120	Ear Training/SS II		2
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	05_1	Applied Primary		1	+APPL	0__2	Applied Primary		1
=MUSL	1511	Band		1	=MUSL	1511	Band		1
*HUSC	1521	Dim. In Learning		2	*MUSL	1000	Survey of Music**		3
*ENG	1110	Composition		3	*ENG	1210	Composition II		3
*HEDU	1531	Health		2	*PEDU	1541	Fitness		2
+MUSL	1050	Sec Class Piano		1	+MUSL	1060	Sec Class Piano		1

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__3	Applied Primary		1	+APPL	0__4	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3110	Ear Training/SS III			=MUSL	1511	Band		1
=MUSL	1511	Band		1	+MUSL	2220	Harmony 3		3
+MUSL	2210	Harmony 2		3	+MUSL	1080	Sec Class Piano		1
+MUSL	1070	Sec Class Piano		1	+MUSL	3410	History of Music 1		3
WI	2405WI	Intro to Music Lit		2	*SCI	GEC			3/4
+MUSL									
SI *ENG	1250**	Speech		3	*SOCI	GEC			3
*MATH	GEC			3	=MUSL	1270	Voice Class		2

PRAXIS I examination to be taken at the end of the sophomore year. Students with passing scores may be admitted to the School of Education.

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__5	Applied Primary		1	+APPL	0__6	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3420	History of Music 2		3	+MUSL	4600	Senior Seminar		3
=MUSL	1511	Band		1	=MUSL	1511	Band		1
=MUSL	3530	Early Child/Int. Meth.		3	=MUSL	3920	Conducting		2
*HIST	1320	World Societies		3	*SCI	GEC			3/4
*HUM	24__	Arts & Humanities		3	*MATH	GEC			3
					%EDU	3000	Educ. Psych.		3
					%EDU	3010	Hum. Gr/Dev		3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
=MUSL	3560	Choral/Ins Meth		3	%EDU	4118	Meth & Mat		3
=MUSL	3860	Acoustics		3	%EDU	4218	Dir. Teaching		6
+MUSL	1600	Workshop		0					
+APPL	05_7	Applied Primary		1					
=MUSL	1511	Band		1					
%EDU	3120	Inclusive Teaching		2					
=MUSL	3600	Percussion		1					
=MUSL	3601	String Class		1					
=MUSL	4610	Choral/Ins Arr		2					
%EDU	3030	Div, Ped, Social		3					

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Music Education; % denotes required non-music courses for concentration; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 66; Electives - 0; Non-departmental required courses - 20 **Total Hours - 128

Four-Year Curriculum Plan in Music Education- Voice Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1010	Fundamentals		3	+MUSL	1010	Fundamentals		3
+MUSL	2110	Ear Training/SS I		2	+MUSL	2120	Ear Training/SS II		2
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	0__1	Applied Primary		1	+APPL	0__2	Applied Primary		1
=MUSL	1521	Choir		1	=MUSL	1521	Choir		1
*HUSC	1521	Dim. In Learning		2	*MUSL	1000	Survey of Music **		3
*ENG	1110	Composition		3	*ENG	1210	Composition II		3
*HEDU	1531	Health		2	*PEDU	1541	Fitness		2
+MUSL	1050	Sec Class Piano		1	+MUSL	1060	Sec Class Piano		1

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__3	Applied Primary		1	+APPL	0__4	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3110	Ear Training/SS III			=MUSL	1521	Choir		1
=MUSL	1521	Choir		1	+MUSL	2220	Harmony 3		3
+MUSL	2210	Harmony 2		3	+MUSL	1080	Sec Class Piano		1
+MUSL	1070	Sec Class Piano		1	+MUSL	3410	History of Music 1		3
WI	2405WI	Intro to Music Lit		2	*SCI	GEC			3/4
+MUSL									
SI *ENG	1250**	Speech		3	*SOCI	GEC			3
*MATH	GEC			3	*MATH	GEC			3
=MUSL	2450	Brass and Woodwinds		2					

PRAXIS I examination to be taken at the end of the sophomore year. Students with passing scores may be admitted to the School of Education.

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__5	Applied Primary		1	+APPL	0__6	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3420	History of Music 2		3	+MUSL	4600	Senior Seminar		3
=MUSL	1521	Choir		1	=MUSL	1521	Choir		1
=MUSL	3530	Early Child/Int. Meth.		3	=MUSL	3920	Conducting		2
*HIST	1320	World Societies		3	*SCI	GEC			3/4
*HUM	24__	Arts & Humanities		3	%EDU	3010	Hum. Gr/Dev		3
*MFL	GEC	Foreign Lang III		3	%EDU	3000	Educ. Psych.		3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
=MUSL	3560	Choral/Ins Meth		3	%EDU	4118	Meth & Mat		3
=MUSL	3860	Acoustics		3	%EDU	4218	Dir. Teaching		6
+MUSL	1600	Workshop		0					
+APPL	05_7	Applied Primary		1					
=MUSL	1521	Choir		1					
%EDU	3120	Inclusive Teaching		2					
=MUSL	3600	Percussion		1					
=MUSL	3601	String Class		1					
=MUSL	4610	Choral/Ins Arr		2					
%EDU	3030	Div, Ped, Social		3					

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Music Education; % denotes required non-music courses for concentration; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 66; Electives - 0; Non-departmental required courses - 20 **Total Hours - 128

Four-Year Curriculum Plan in Music Education - Keyboard Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1010	Fundamentals		3	+MUSL	1010	Fundamentals		3
+MUSL	2110	Ear Training/SS I		2	+MUSL	2120	Ear Training/SS II		2
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	0__1	Applied Primary		1	+APPL	0__2	Applied Primary		1
=MUSL	1521	Choir		1	=MUSL	1521	Choir		1
*HUSC	1521	Dim. In Learning		2	*MUSL	1000	Survey of Music **		3
*ENG	1110	Composition		3	*ENG	1210	Composition II		3
*HEDU	1531	Health		2	*PEDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__3	Applied Primary		1	+APPL	0__4	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3110	Ear Training/SS III			=MUSL	1521	Choir		1
=MUSL	1521	Choir		1	+MUSL	2220	Harmony 3		3
+MUSL	2210	Harmony 2		3	=MUSL	1260	Voice Class		2
=MUSL	2450	Brass and Woodwinds		2	+MUSL	3410	History of Music 1		3
WI	2405WI	Intro to Music Lit		2	*SCI	GEC			3/4
+MUSL									
SI *ENG	1250**	Speech		3	*SOCI	GEC			3
*MATH	GEC			3	*MATH	GEC			3

PRAXIS I examination to be taken at the end of the sophomore year. Students with passing scores may be admitted to the School of Education.

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__5	Applied Primary		1	+APPL	0__6	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3420	History of Music 2		3	+MUSL	4600	Senior Seminar		3
=MUSL	1521	Choir		1	=MUSL	1521	Choir		1
=MUSL	3530	Early Child/Int. Meth.		3	%EDU	3030	Div, Ped, Social		3
*HIST	1320	World Societies		3	*SCI	GEC			3/4
*HUM	24__	Arts & Humanities		3	%EDU	3010	Hum. Gr/Dev		3
*MFL	GEC	Foreign Lang III		3	%EDU	3000	Educ. Psych.		3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
=MUSL	3560	Choral/Ins Meth		3	%EDU	4118	Meth & Mat		3
=MUSL	3860	Acoustics		3	%EDU	4218	Dir. Teaching		6
+MUSL	1600	Workshop		0					
+APPL	05_7	Applied Primary		1					
=MUSL	1521	Choir		1					
%EDU	3120	Inclusive Teaching		2					
=MUSL	3600	Percussion		1					
=MUSL	3601	String Class		1					
=MUSL	4610	Choral/Ins Arr		2					
=MUSL	3920	Conducting		2					

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Music Education; % denotes required non-music courses for concentration; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 62; Electives - 0; Non-departmental required courses - 20 **Total Hours - 124

Four-Year Curriculum Plan in Jazz Studies

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1010	Fundamentals		3	+MUSL	1010	Fundamentals		3
+MUSL	2110	Ear Training/SS I		2	+MUSL	2120	Ear Training/SS II		2
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	05_1	Applied Primary		1	+APPL	0__2	Applied Primary		1
+JAZZ	1571	Band		1	+JAZZ	1571	Band		1
*HUSC	1521	Dim. In Learning		2	*MUSL	1000	Survey of Music **		3
*ENG	1110	Composition		3	*ENG	1210	Composition II		3
&				2	*PEDU	1541	Fitness		2
Electives									
+MUSL	1050	Sec Class Piano		1	+MUSL	1060	Sec Class Piano		1

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__3	Applied Primary		1	+APPL	0__4	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3110	Ear Training/SS III			+JAZZ	1571	Band		1
+JAZZ	1571	Band		1	+MUSL	2220	Harmony 3		3
+MUSL	2210	Harmony 2		3	+MUSL	1080	Sec Class Piano		1
+MUSL	1070	Sec Class Piano		1	+MUSL	3410	History of Music 1		3
WI	2405WI	Intro to Music Lit		2	*MATH	GEC			3
+MUSL									
SI *ENG	1250**	Speech		3	+JAZZ	2260	Jazz Theory 2		3
+JAZZ	2250	Jazz Theory 1		3	*HEDU	1531	Health		2
+JAZZ	2020	Jazz Combo		2	+JAZZ	2020	Jazz Combo		2

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__5	Applied Primary		1	+APPL	0__6	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3420	History of Music 2		3	+MUSL	4600	Senior Seminar		3
+JAZZ	1571	Band		1	+JAZZ	1571	Band		1
+JAZZ	2020	Jazz Combo		2	+MUSL	3920	Conducting		2
*HIST	1320	World Societies		3	*SCI	GEC			3/4
+JAZZ	2100	Jazz Improv		2	*HUM	24__			3
+MUSL	3600	Percussion		1	+JAZZ	2020	Jazz Combo		2
+MUSL	3500	Woodwinds		1	+MUSL	3602	Brass		1
					+JAZZ	3100	Jazz Improv		2

Senior Year

Fall Semester				Credits	Spring Semester				Credits
*SOCI	GEC			3	+JAZZ	1571	Band		1
+MUSL	3601	String Class		1	+MUSL	1600	Workshop		0
+MUSL	1600	Workshop		0	+APPL	0__8	Applied Primary		1
+APPL	0__7	Applied Primary		1	+JAZZ	4000	Jazz History		3
+JAZZ	1571	Band		1	+JAZZ	2020	Jazz Combo		2
+JAZZ	4700	Jazz Arr		3	+JAZZ	4730	Jazz Comp		3
+JAZZ	2020	Jazz Combo		2	&				1
					Electives				
+MUSL	3601	String Class		1	*MATH	GEC			3

* denotes GEC classes; + denotes required courses for BM; & denotes electives; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 39; Music Required Courses- 86; Electives - 4; Non-departmental required courses - 0 **Total Hours - 128

Four Year Curriculum Plan in Music Liberal Arts - Sacred Music Concentration, Voice

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1010	Fundamentals		3	+MUSL	1010	Fundamentals		3
+MUSL	2110	Ear Training/SS I		2	+MUSL	2120	Ear Training/SS II		2
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	0__1	Applied Primary		1	+APPL	0__2	Applied Primary		1
=MUSL	1521	Choir		1	=MUSL	1521	Choir		1
*HUSC	1521	Dim. In Learning		2	*MUSL	1000	Survey of Music **		3
*ENG	1110	Composition		3	*ENG	1210	Composition II		3
*SOCI	GEC			3	*PEDU	1541	Fitness		2
+MUSL	1050	Sec Class Piano		1	+MUSL	1060	Sec Class Piano		1

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__3	Applied Primary		1	+APPL	0__4	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3110	Ear Training/SS III			=MUSL	1521	Choir		1
=MUSL	1521	Choir		1	+MUSL	2220	Harmony 3		3
+MUSL	2210	Harmony 2		3	+MUSL	1080	Sec Class Piano		1
+MUSL	1070	Sec Class Piano		1	+MUSL	3410	History of Music 1		3
WI	2405WI	Intro to Music Lit		2	=MUSL	2000	Keyboard Improv		2
+MUSL									
SI *ENG	1250**	Speech		3	*HEDU	1531	Health		2
=MUSL	3200	Gospel Music		3	*MATH	GEC			3
=MUSL	4500	Vocal Tech		2					

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__5	Applied Primary		1	+APPL	0__6	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3420	History of Music 2		3	+MUSL	4600	Senior Seminar		3
=MUSL	1521	Choir		1	=MUSL	1521	Choir		1
=MUSL	4750	Music and Worship		3	=MUSL	3920	Conducting		2
*HIST	1320	World Societies		3	*SCI	GEC			3/4
=MUSL	3320	Handbells		1	*HUM	24__	Arts & Hum		3
*MFL	GEC	Foreign Lang III		3	=MUSL	4030	Hymnology		2
=MUSL	3210	Service Playing		2					

Senior Year

Fall Semester				Credits	Spring Semester				Credits
=MUSL	4760	Church Internship		2	+MUSL	1600	Workshop		0
=MUSL	4810	Afro-Am Mus Voice		3	+APPL	05__8	Applied Primary		1
+MUSL	1600	Workshop		0	=MUSL	1521	Choir		1
+APPL	05__7	Applied Primary		1	=MUSL	4760	Church Internship		2
=MUSL	1521	Choir		1	=MUSL	4820	Afro-Am Mus Ins		3
=MUSL	4920	Adv Conduct		2	*MATH	GEC			3
=MUSL	4610	Choral/Ins Arr		2	*SCI	GEC			3/4
=MUSL	3560	Choral/Ins Meth		3					

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Sacred Music; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 84; Electives - 0; Non-departmental required courses - 0 **Total Hours - 126

Four Year Curriculum Plan in Music Liberal Arts - Sacred Music Concentration Piano/Organ

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
+MUSL	1010	Fundamentals	3	+MUSL	1010	Fundamentals	3
+MUSL	2110	Ear Training/SS I	2	+MUSL	2120	Ear Training/SS II	2
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+APPL	0__1	Applied Primary	1	+APPL	0__2	Applied Primary	1
=MUSL	1521	Choir	1	=MUSL	1521	Choir	1
*HUSC	1521	Dim. In Learning	2	*MUSL	1000	Survey of Music **	3
*ENG	1110	Composition	3	*ENG	1210	Composition II	3
HEDU	1531	Health	2	*PEDU	1541	Fitness	2
+MUSL	3320	Handbells	1				

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
+APPL	0__3	Applied Primary	1	+APPL	0__4	Applied Primary	1
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+MUSL	3110	Ear Training/SS III		=MUSL	1521	Choir	1
=MUSL	1521	Choir	1	+MUSL	2220	Harmony 3	3
+MUSL	2210	Harmony 2	3	=MUSL	1260	Voice Class	2
=MUSL	4500	Vocal Tech	2	+MUSL	3410	History of Music 1	3
WI +MUSL	2405WI	Intro to Music Lit	2	=MUSL	2000	Keyboard Improv	2
SI *ENG	1250**	Speech	3	*HEDU	1531	Health	2
=MUSL	3200	Gospel Music	3	*MATH	GEC		3
				*SOCI	GEC		3

Junior Year

Fall Semester			Credits	Spring Semester			Credits
+APPL	0__5	Applied Primary	1	+APPL	0__6	Applied Primary	1
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+MUSL	3420	History of Music 2	3	+MUSL	4600	Senior Seminar	3
=MUSL	1521	Choir	1	=MUSL	1521	Choir	1
=MUSL	4750	Music and Worship	3	=MUSL	3920	Conducting	2
*HIST	1320	World Societies	3	*SCI	GEC		3/4
=MUSL	3210	Service Playing	2	*HUM	24__	Arts & Hum	3
*MFL	GEC	Foreign Lang III	3	=MUSL	4030	Hymnology	2

Senior Year

Fall Semester			Credits	Spring Semester			Credits
=MUSL	4760	Church Internship	2	+MUSL	1600	Workshop	0
=MUSL	4810	Afro-Am Mus Voice	3	+APPL	05_8	Applied Primary	1
+MUSL	1600	Workshop	0	=MUSL	1521	Choir	1
+APPL	05_7	Applied Primary	1	=MUSL	4760	Church Internship	2
=MUSL	1521	Choir	1	=MUSL	4820	Afro-Am Mus Ins	3
=MUSL	4920	Adv Conduct	2	*MATH	GEC		3
=MUSL	4610	Choral/Ins Arr	2	=MUSL	4010	Church Mus Org and Lit	2
=MUSL	3560	Choral/Ins Meth	3	& Electives			2
*SCI	GEC		3/4				

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Sacred Music; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 81; Electives - 2; Non-departmental required courses - 0 **Total Hours - 125

Four Year Curriculum Plan in Music Liberal Arts - Music Industry Concentration-Business Track

Freshman Year

Fall Semester				Spring Semester			
			Credits				Credits
+MUSL	1010	Fundamentals	3	+MUSL	1010	Fundamentals	3
+MUSL	2110	Ear Training/SS I	2	+MUSL	2120	Ear Training/SS II	2
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+APPL	05_1	Applied Primary	1	+APPL	0__2	Applied Primary	1
+MUSL	15	Ensemble	1	+MUSL	15	Ensemble	1
*HUSC	1521	Dim. In Learning	2	*MUSL	1000	Survey of Music**	3
*ENG	1110	Composition	3	*ENG	1210	Composition II	3
SI *ENG	1250**	Speech	3	=MUSL	386	Intro Mus Tech	3
+MUSL	1050	Sec Class Piano	1	+MUSL	1060	Sec Class Piano	1

Sophomore Year

Fall Semester				Spring Semester			
			Credits				Credits
+APPL	0__3	Applied Primary	1	+APPL	0__4	Applied Primary	1
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+MUSL	3110	Ear Training/SS III		+MUSL	15	Ensemble	1
+MUSL	15	Ensemble	1	+MUSL	2220	Harmony 3	3
+MUSL	2210	Harmony 2	3	+MUSL	1080	Sec Class Piano	1
+MUSL	1070	Sec Class Piano	1	+MUSL	3410	History of Music 1	3
WI +MUSL	2405WI	Intro to Music Lit	2	*PEDU	1541	Fitness	2
=MUSL	3870	Production 1	3	*HUM	24__	Arts & Hum	3
=MUSL	3800	Mus Industry	3	=MUSL	4860	Production 2	3
*HEDU	1531	Health	2				

Junior Year

Fall Semester				Spring Semester			
			Credits				Credits
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+MUSL	3420	History of Music 2	3	+MUSL	4600	Senior Seminar	3
*MFL		Foreign Lang 3	3	=MUSL	3000	Comm Music	2
=MUSL	4870	Post-Production	3	=MUSL	3920	Conducting	2
*HIST	1320	World Societies	3	*SCI	GEC		3/4
%ECON	2200	Prin/Macroecon	3	*MATH	GEC		3
*MATH	GEC		3	*SOCI	GEC		3

Senior Year

Fall Semester				Spring Semester			
			Credits				Credits
=MUSL	4210	Music & Arts Man	3	=MUSL	4900	Sem/Mus Industry	3
*SCI	GEC		3/ 4	%ACCT	2400	Prin/Acc 1	3
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
%ECON	2300	Prin/Microecon	3	&MUSL	1001	Hip Hop** or Electives	3
% MKT	3210	Prin Mark 1	3	% MKT	3350	Promo Mgt	3

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Music Industry; % denotes required non-music courses for concentration; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 65; Electives - 3; Non-departmental required courses - 15 **Total Hours – 125

Four Year Curriculum Plan in Music Liberal Arts - Music Industry Concentration Media/Communications Track

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1010	Fundamentals		3	+MUSL	1010	Fundamentals		3
+MUSL	2110	Ear Training/SS I		2	+MUSL	2120	Ear Training/SS II		2
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	05_1	Applied Primary		1	+APPL	0__2	Applied Primary		1
+MUSL	15	Ensemble		1	+MUSL	15	Ensemble		1
*HUSC	1521	Dim. In Learning		2	*MUSL	1000	Survey of Music**		3
*ENG	1110	Composition		3	*ENG	1210	Composition II		3
SI *ENG	1250**	Speech		3	=MUSL	3860	Intro Mus Tech		3
+MUSL	1050	Sec Class Piano		1	+MUSL	1060	Sec Class Piano		1

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__3	Applied Primary		1	+APPL	0__4	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3110	Ear Training/SS III			+MUSL	15	Ensemble		1
+MUSL	15	Ensemble		1	+MUSL	2220	Harmony 3		3
+MUSL	2210	Harmony 2		3	+MUSL	1080	Sec Class Piano		1
+MUSL	1070	Sec Class Piano		1	+MUSL	3410	History of Music 1		3
WI	2405WI	Intro to Music Lit		2	*SOCL	GEC			3
+MUSL									
=MUSL	3870	Production 1		3	*HEDU	1531	Health		2
=MUSL	3800	Mus Industry		3	=MUSL	4860	Production 2		3

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3420	History of Music 2		3	+MUSL	4600	Senior Seminar		3
*MFL		Foreign Lang 3		3	=MUSL	3000	Comm Music		2
=MUSL	4870	Post-Production		3	=MUSL	3920	Conducting		2
*HIST	1320	World Societies		3	*HUM	24__	Arts & Hum		3
%MSCM	2430	Mass Media/Soc		3	*MATH	GEC			3
*MATH	GEC			3	*SCI	GEC			3/ 4

Senior Year

Fall Semester				Credits	Spring Semester				Credits
=MUSL	4210	Music & Arts Man		3	=MUSL	4900	Sem/Mus Industry		3
*SCI	GEC			3/ 4	%MSMC	3570	Audio Prod		3
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
%MSMC	3580	Video Prod		3	&MUSL	1001	Hip Hop** or Electives		3
%MSCM	2440	Rept/Mass Media		3	& Elective MUSL				3
*PEDU	1541	Fitness		2					

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Music Industry; % denotes required non-music courses for concentration; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 64; Electives - 6; Non-departmental required courses - 12 **Total Hours – 124

Four Year Curriculum Plan in Music Liberal Arts

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1010	Fundamentals		3	+MUSL	1010	Fundamentals		3
+MUSL	2110	Ear Training/SS I		2	+MUSL	2120	Ear Training/SS II		2
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	05_1	Applied Primary		1	+APPL	0__2	Applied Primary		1
+MUSL	15	Ensemble		1	+MUSL	15	Ensemble		1
*HUSC	1521	Dim. In Learning		2	*MUSL	1000	Survey of Music**		3
*ENG	1110	Composition		3	*ENG	1210	Composition II		3
+MUSL	1050	Sec Class Piano		1	+MUSL	1060	Sec Class Piano		1
					*PEDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+APPL	0__3	Applied Primary		1	+APPL	0__4	Applied Primary		1
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+MUSL	3110	Ear Training/SS III			+MUSL	15	Ensemble		1
+MUSL	15	Ensemble		1	+MUSL	2220	Harmony 3		3
+MUSL	2210	Harmony 2		3	+MUSL	1080	Sec Class Piano		1
+MUSL	1070	Sec Class Piano		1	+MUSL	3410	History of Music 1		3
WI +MUSL	2405WI	Intro to Music Lit		2	*MATH	GEC			3
SI *ENG	1250	Speech		3					
*HEDU	1531	Health		2					

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
+APPL	0__5	Applied Primary		1	+APPL	0__6	Applied Primary		1
+MUSL	3420	History of Music 2		3	+MUSL	4600	Senior Seminar		3
*MFL		Foreign Lang 3		3	&MUSL		Electives		5
*SOCI	GEC			3	=MUSL	3920	Conducting		2
*HIST	1320	World Societies		3	*SCI	GEC			3/4
&MUSL		Electives		4					

Senior Year

Fall Semester				Credits	Spring Semester				Credits
+MUSL	15__	Ensemble		1	+MUSL	15__	Ensemble		1
*SCI	GEC			3/ 4	&MUSL		Electives		6
+MUSL	1600	Workshop		0	+MUSL	1600	Workshop		0
&MUSL		Electives		6	&Electives				6
+APPL	0__5	Applied Primary		1	+APPL	0__6	Applied Primary		1
&Electives				6	*MATH	GEC			3

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Music Industry; % denotes required non-music courses for concentration; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 49; Electives - 33; Non-departmental required courses - 0 **Total Hours – 125

Four Year Curriculum Plan in Music Liberal Arts - Ethnomusicology Concentration

Freshman Year				Freshman Year			
Fall Semester			Credits	Spring Semester			Credits
+MUSL	1010	Fundamentals	3	+MUSL	1010	Fundamentals	3
+MUSL	2110	Ear Training/SS I	2	+MUSL	2120	Ear Training/SS II	2
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+APPL	05_1	Applied Primary	1	+APPL	0__2	Applied Primary	1
+MUSL	15	Ensemble	1	+MUSL	15	Ensemble	1
*HUSC	1521	Dim. In Learning	2	*MUSL	1000	Survey of Music**	3
*ENG	1110	Composition	3	*ENG	1210	Composition II	3
%African Diaspora			3	%African Diaspora			3
Sophomore Year				Sophomore Year			
Fall Semester			Credits	Spring Semester			Credits
+APPL	0__3	Applied Primary	1	+APPL	0__4	Applied Primary	1
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
+MUSL	3110	Ear Training/SS III	2	*HEDU	1531	Health	2
*SOCI	GEC		3	+MUSL	2220	Harmony 3	3
+MUSL	2210	Harmony 2	3	*MFL		Foreign Lang 3	3
*MATH	GEC		3	+MUSL	3410	History of Music 1	3
WI +MUSL	2405WI	Intro to Music Lit	2	*SCI	GEC		3/ 4
=MUSL	3850	Black Composer	3	%African Diaspora			3
Junior Year				Junior Year			
Fall Semester			Credits	Spring Semester			Credits
+MUSL	1600	Workshop	0	+MUSL	1600	Workshop	0
*MATH	GEC		3	*SCI	GEC		3/ 4
+MUSL	3420	History of Music 2	3	+MUSL	4600	Senior Seminar	3
*HUM	24__	Arts & Hum	3	%Afr Diaspora			6
*SOCI	GEC		3	SI *ENG	1250	Speech	3
*HIST	1320	World Societies	3	*SCI	GEC		3/4
%Afr Diaspora		Electives	4				
Senior Year				Senior Year			
Fall Semester			Credits	Spring Semester			Credits
=MUSL	3900	Music of Africa	3	=MUSL	4850	African Influences	3
%Afr	GEC		3	*PEDU	1541	Fitness	2
Diaspora							
< Electives				< Electives			

* denotes GEC classes; + denotes required courses for BA in Music; = denotes required music courses for concentration in Ethnomusicology; < denotes interdisciplinary electives; % denotes required non-music courses for concentration; SI denotes speech intensive; WI denotes writing intensive

Strongly recommended; Completion of Piano proficiency is required for graduation. Fourth semester assessment required before taking junior courses. Core curriculum courses – 42; Music Required Courses- 46; Interdisciplinary Electives - 20; Non-departmental required courses - 18 **Total Hours – 126

MUSIC COURSE DESCRIPTIONS FOR UNDERGRADUATES

MUSL 1000. Survey of Music (3)

Designed to acquaint the general college student with the role of music in Western culture.

Emphasis is placed upon musical form and style since 1600.

MUSL 1001. Hip Hop in Context (3)

Hip Hop in Context examines the cultural phenomenon through its history, development, communication style, dance form, music, and artistic process. Throughout the course students will explore the dynamics of race, gender, youth and class. The course will employ various sources for analysis and information including : videos, commercials, movies, songs and other multimedia sources.

MUSL 1010. Fundamentals of Music (3)

A study of basic terminology, scales, intervals, sight-singing and ear training. Required of all music majors and minors unless exempted by examination.

MUSL 1050. Secondary Class Piano I (1)

Secondary piano class for music majors designed to provide prospective public school teachers with the basic proficiency required for state licensure.

MUSL 1060. Secondary Class Piano II (1)

Prerequisite: MUSL 1050 with a grade of "C" or higher. A continuation of MUSL 1050.

MUSL 1070. Intermediate Secondary Class Piano I (1)

Prerequisite: MUSL 1060 with a grade of "C" or higher. A continuation of MUSL 1060.

MUSL 1080. Intermediate Secondary Class Piano II (1)

Prerequisite: MUSL 1070 with a grade of "C" or higher. A continuation of MUSL 1070. Required of all music students who have not passed the proficiency examination.

MUSL 1220. Harmony II (3)

Prerequisite: MUSL 1010 or the equivalent, with a grade of "C" or higher. A study of diatonic harmony: triads, dominant seventh chords, inversions, and chord progressions.

MUSL 1230. Diction for Singers: English and Italian (1)

A study of English and Italian as applied to singing. Students will perform songs in both languages in class.

MUSL 1240. Diction for Singers: French and German (1)

A study of French and German as applied to singing. Students will perform songs in both languages in class.

MUSL 1260. Voice Class (2)

Fundamentals of singing for voice majors and non-majors, with emphasis on tone production, diction and interpretation, and a survey of literature for the solo voice with emphasis on performance.

MUSL 1300. Twentieth-Century Music (2)

An introduction to music written since 1900, both popular and classical, with special emphasis on most recent developments.

MUSL 1500. Operatorio Performance Ensemble (2)

Operatorio Performance Ensemble examines through its artistic format, Opera, Oratorio, and Cantata from the Baroque to Contemporary periods. The musical scores are specifically chosen to enhance sight reading and research of historical classification and artistic relevance of subject matter. This course can be re-taken for additional credit.

MUSL 1510. Marching/Symphonic Band (2)

For non-music majors. May be repeated for credit.

MUSL 1511. Marching/Symphonic Band (1)

For music majors only. May be repeated for credit.

MUSL 1520. University Choir (2)

For non-music majors. May be repeated for credit.

MUSL 1521. University Choir (1)
For music majors only. May be repeated for credit.

MUSL 1530. Concert Choir (2)
For non-music majors. May be repeated for credit.

MUSL 1531. Concert Choir (1)
For music majors only. May be repeated for credit.

MUSL 1540. String Ensemble (2)
For non-music majors. May be repeated for credit.

MUSL 1541. String Ensemble (1)
For music majors only. May be repeated for credit.

MUSL 1545. Guitar Ensemble (2)
For non-music majors. May be repeated for credit.

MUSL 1546. Guitar Ensemble (1)
For music majors only. May be repeated for credit.

MUSL 1550. Woodwind Ensemble (2)
For non-music majors. May be repeated for credit.

MUSL 1551. Woodwind Ensemble (1)
For music majors only. May be repeated for credit.

MUSL 1560. Brass Ensemble (2)
For non-music majors. May be repeated for credit.

MUSL 1561. Brass Ensemble (1)
For music majors only. May be repeated for credit.

MUSL 1570. Jazz Ensemble (2)
For non-music majors. May be repeated for credit.

MUSL 1571. Jazz Ensemble (1)
For music majors only. May be repeated for credit.

MUSL 1580. Small Ensemble (2)
For non-music majors. May be repeated for credit.

MUSL 1581. Small Ensemble (1)
For music majors only. May be repeated for credit.

MUSL 1590. Percussion Ensemble (2)
For non-music majors. May be repeated for credit.

MUSL 1591. Percussion Ensemble (1)

For music majors only. May be repeated for credit.

MUSL 1600. Workshops and Recitals (0)
Required of all music majors. Laboratory for Applied Primary courses.

MUSL 1700. Class Guitar I (2)
This course offers beginning instruction on an acoustic guitar to students who have little or no background in either guitar or music. Students will learn the fundamentals of music, chords, guitar notation, strumming and instrumental techniques for accompanying and playing traditional and contemporary songs.

MUSL 1710. Class Guitar II (2)
Prerequisite: MUSL 1700. Offers intermediate guitar instruction to the non-major. Students will learn the use of secondary chords, moveable (barred) chords, substitute chords, extensions and alteration. Students will also continue to develop finger-style and plectrum techniques and participate in solo and ensemble performance.

MUSL 2000. Keyboard Improvisation (2)
Prerequisites: MUSL 1010, 1050, 1060 and 1220. An introduction to chord and scale types and their application to jazz, gospel, and other forms of improvisational music.

JAZZ 2020. Jazz Combo (2)
An instrumental group comprised of a rhythm section (piano, bass, drums) and two to four horns. Repertoire will consist of mainstream jazz, contemporary jazz and jazz-rock. Permission of the instructor is required. May be repeated for credit.

JAZZ 2100. Jazz Improvisation (2)
Prerequisites: MUSL 1010, 1220, 2210, JAZZ 2250. Theory and actual performance of improvised jazz solo with an emphasis on functional harmony, melodic patterns, modes, and special scales. This course is intended for both instrumentalists and vocalists. Permission of the instructor is required.

MUSL 2110. Ear Training and Sight Singing I (2)
Prerequisite: MUSL 1010 with a grade of "C" or higher. Sight-singing of diatonic material, with

attention given to melodic, harmonic, and rhythmic singing and dictation.

MUSL 2120. Ear Training and Sight Singing II (2)

Prerequisite: MUSL 2110 with a grade of "C" or higher. Continuation of MUSL 2110.

MUSL 2210. Harmony III (3)

Prerequisites: MUSL 1220, 2110 with a grade of "C" or higher. A continuation of diatonic harmony and the study of chromatic harmony in written exercises, keyboard harmony, and analysis with an introduction to counterpoint.

MUSL 2220. Harmony IV (3)

Prerequisites: MUSL 2210 with a grade of "C" or higher.

JAZZ 2250. Jazz Theory I (3)

Prerequisites: MUSL 1220, 2110. A study of the basic elements of jazz harmony, including major and minor scales, modes, pentatonic scales, symmetrically altered scales, interval chords, thirteenth chords, polychords, and ear training.

JAZZ 2260. Jazz Theory II (3)

Prerequisite: JAZZ 2250 with a grade of "C" or higher. A continuation of JAZZ 2250, with special emphasis on five-part harmony, modal harmony, chords voiced in fourths, ear training, and analysis and transcription of jazz solos.

MUSL 2405. Introduction to Music Literature (2)

Prerequisite: First-year theory courses, their equivalent or permission of the instructor. Primarily designed for the music major as an introduction to a selected body of world music literature and various structural genres, stressing basic elements such as formal and stylistic concepts. Its purpose is to lay the foundation of analytical and critical skills necessary for the subsequent required courses in music history and literature.

MUSL 2450. Introduction to Brass and Woodwind Instruments (2)

Principles of tone production, articulation, playing positions, fingerings, and pedagogy related to

woodwind and brass instruments, as well as the selection and care of instruments, mouthpieces and reeds. Each student will play at least one woodwind and one brass instrument. This is a required course for keyboard and voice majors seeking NC state licensure.

MUSL 2800. Music in the United States (3)

A historical and stylistic survey of music in America from pre-colonial times to the present day. Open to non-music majors.

MUSL 2850. Music for the Stage (3)

Prerequisite: HUM 2410. A study of the many genres which represent a fusion of drama and music (opera, oratorio, ballet, operetta, musical comedy, etc.) from 1600 to the present. Open to non-music majors.

MUSL 2860. Music for the Orchestra (3)

Prerequisite: HUM 2410. A survey of literature for symphony orchestra and various small instrumental groupings from the 18th century to the present. Open to non-music majors.

MUSL 2930. Independent Study I (3)

Prerequisite: Permission of the instructor.

MUSL 3000. Commercial Music (2)

Prerequisites: MUSL 2210, 2220. Techniques of composing and arranging for radio, television and motion pictures. Students will be expected to write examples of all three media.

JAZZ 3100. Advanced Jazz Improvisation (2)

Prerequisite: JAZZ 2100, 2260. A continuation of JAZZ 2100 with emphasis on advanced elements of jazz improvisation (modal harmony, polychords, mixed scales, symmetric and "synthetic" scales, non-functional harmony, and chromaticism). All of these elements will be studied in relationship to style, form and analysis.

MUSL 3110. Ear Training and Sight Singing III (1)

Prerequisite: MUSL 2110, 2120. Advanced sight-singing, including melodic, harmonic, and rhythmic dictation from advanced manuals and performance repertoire.

MUSL 3200. Gospel Music (3)

Prerequisites: MUSL 1050, 1060 and 2000. A study of periods and stylistic developments in jazz and gospel music, including appropriate improvisational techniques and scoring for varied groups.

MUSL 3210. Service Playing (2)

Prerequisite: MUSL 2000. Techniques and materials used in church service playing, including improvisation, modulation, accompanying and sight-reading.

MUSL 3300. Piano Class I (2)

Group instruction in piano designed to develop fundamental technical knowledge of the keyboard. Functional skills for the beginner will be stressed. This course is open to non-majors only.

MUSL 3310. Piano Class II (2)

Prerequisite: MUSL 3300. Continuation of MUSL 3300.

MUSL 3320. Handbells (1)

An introduction to basic ringing techniques, beginning repertory and leadership training, which will include conducting skills and instruction on how to initiate and build a handbell program. Participation in a public ensemble performance required. May be repeated for credit.

MUSL 3410. History of Music I (2)

Prerequisite: MUSL 2405, 2210. A study of the development of music from 1600 to c.1945, with coverage of representative repertories from the different historical periods.

MUSL 3420. History of Music II (3)

Prerequisite: MUSL 2405. Continuation of MUSL 3410.

MUSL 3500. Woodwind Class (1)

Prerequisite: Permission of the instructor. Fundamental techniques in the playing of woodwind instruments, including concepts in pedagogy.

MUSL 3530. Early Childhood and Intermediate Music Methods (3)

Prerequisites: MUSL 1010, 1220 or permission of the instructor. Methods and materials of music for kindergarten through grade nine (K-9). The Orff and Kodaly approaches to music education will be examined, and students will be expected to demonstrate teaching proficiency with diverse student populations. (Three lecture hours and one laboratory hour per week.)

MUSL 3560. Choral and Instrumental Methods (3)

Prerequisites: MUSL 3530. Methods and materials designed for teaching general, choral and instrumental music in grades six through twelve (6-12). Emphasis will be placed on national standards, methods for good rehearsal techniques, and understanding how children learn at various ages. All students will be expected to demonstrate teaching proficiency of diverse student populations. (Three hours lecture and one hour laboratory weekly.)

MUSL 3600. Percussion Class (1)

Prerequisite: Permission of the instructor. Fundamental techniques of playing both pitched and unpitched percussion instruments, including pedagogical concepts and instrument maintenance.

MUSL 3601. String Class (1)

Prerequisite: Permission of the instructor. Fundamental techniques in the playing of stringed instruments, including concepts in pedagogy and program-building.

MUSL 3602. Brass Class (1)

Prerequisite: Permission of the instructor. Fundamental techniques in the playing of high and low brass instruments, including concepts in pedagogy.

MUSL 3800. The Music Industry (3)

This course surveys the music industry by highlighting the inter-relationships generated by the demands of where music and business worlds intersect and includes an introduction to the legal

and ethical issues impacting the contemporary music professional.

MUSL 3850. The Black Composer (3)

The role of the black composer in traditional Western art music.

MUSL 3860. Acoustics and Introduction to Music Technology (3)

An introduction to the physical properties of music production, sound transmission, and audio devices incorporating computers. Characteristics of analog, MIDI and digital recording will be emphasized. Special computer application areas such as using software for sequencing, direct-to-disk recording, and printing music are a few of the specific applications. The North Carolina Technology Competencies for Educators are incorporated into the course.

MUSL 3870. Production I (3)

This course exposes students to composing for audio recording and multi-media forces, the mechanics of sound architecture, and the creation and alteration of waveforms using methods such as crosswave synthesis, providing students access to the infinite possibilities of sound engineering, permitting and emphasizing the recording of original projects.

MUSL 3900. Music of Africa (3)

A historical and cultural analysis of the music of Africa and its influence on the music of other world cultures.

MUSL 3920. Conducting (2)

Principles of conducting and score reading. Practical experience in directing choral and instrumental groups.

MUSL 3930. Independent Study II (3)

Prerequisites: Permission of the instructor.

JAZZ 4000. History of Jazz (3)

A survey of the respective style-periods, performers, composers and stylistic influences in the evolution of jazz.

MUSL 4010. Church Music Organization and Literature (2)

A study of procedures for organizing a total church music program, with attention paid to denomination traditions, budgeting, the training of choirs, and staffing. Representative sacred choral literature will be studied within this context.

MUSL 4020. Organ Literature and Pedagogy (3)

A historical survey of solo organ literature and literature for service playing, including the contributions of various ethnic groups to the literature. Pedagogical studies will survey teaching techniques, methods, and recital planning.

MUSL 4030. Hymnology (2)

A study of the history and development of Christian hymnody, including study of the textual and musical content of hymnals, and their effectiveness in the church service for both choral and congregational use.

MUSL 4210. Music and Arts Management (3)

Prerequisite: Permission of the instructor. The study and practice of the functions related to arts management, with emphasis on music productions, budgeting, personnel management, audience development, promotions management, and various auxiliary areas.

MUSL 4220. Counterpoint and Canon (3)

Prerequisites: MUSL 2220, 3110. A study of the principles of counterpoint in two and three parts, invertible counterpoint canon and fugue.

MUSL 4500. Vocal Techniques (2)

A study of tone production, including application of sound vocal principles to choral programs in the public schools.

MUSL 4510. Piano Pedagogy (3)

Prerequisite: Permission of the instructor. A study of technical problems, pedagogical procedures, and representative materials encountered in teaching beginning and intermediate piano.

MUSL 4530. Vocal Pedagogy (3)

Prerequisite: Permission of the instructor. An analysis of basic problems encountered in beginning and advanced voice students, and a study of various methods applied to their solutions. Particular emphasis will be placed upon common principles in different approaches.

MUSL 4600. Seminar in Contemporary Music (3)

Prerequisite: MUSL 3410, 3420 or permission of the instructor. A study of compositions written since 1940 with particular emphasis placed upon recent developments in form, compositional techniques, analysis, and new media of musical expression.

MUSL 4610. Instrumental and Choral Arranging (2)

Prerequisites: MUSL 2220, 2450, 3500, 3600, 3602, 3630. Problems of harmonic expansion and reduction will be considered as applied to scoring for choral and instrumental ensembles. Part extraction will be emphasized and arrangements will be performed under the direction of the arrangers.

JAZZ 4700. Jazz Arranging (3)

Writing jazz arrangements for various combinations of instruments and/or voice. Provision will be made for readings of arrangements by an appropriate ensemble. This course is open to music majors and other students with the permission of the instructor.

MUSL 4720. Composition (3)

Prerequisite: Permission of the instructor. An introduction to the techniques of musical composition with emphasis on smaller forms.

JAZZ 4730. Jazz Composition (3)

Prerequisite: Permission of the instructor. The development of compositional techniques in the jazz idiom.

MUSL 4750. Music and Worship (3)

Prerequisites: MUSL 3410, 3420. The relationship of music and liturgy to Christian worship and traditions.

MUSL 4760 Church Internship (2)

Prerequisites: MUSL 4010, 3210 or 4500. A program in which students are responsible as a choir director and/or organist for an assigned church under the supervision of a church and university supervisor. The student will implement skills and concepts learned in the classroom.

MUSL 4810. African-American Music: Vocal (3)

A study of the stylistic elements as found in the vocal music of West Africa and its influence on the religious music, work songs and blues of the African American.

MUSL 4820. African-American Music: Instrumental (3)

A study of the stylistic elements as found in the instrumental music of West Africa and their influence of the instrumental music of the African American.

MUSL 4850. African Influences on the Music of the Americas (3)

African influences on the music of the Western hemisphere, with emphasis on the unique influences, features and distinctive contributions.

MUSL 4860. Production II (3)

Prerequisite: MUSL 3870. A continuation of Production I, including audio production and mastering with emphasis upon mounting the project for professional consideration.

MUSL 4870. Post-Production (4)

Prerequisite: MUSL 4860. Instruction combines audio, video, graphics, math, and text into one uniform CD-ROM format which can be marketed and used in illustrating concepts for corporate presentation and teaching in the classroom. Video post-production and film scoring are also discussed.

MUSL 4900. Seminar in the Music Industry (3)

Examination of the music industry as it relates to the current demands placed on the professional performer, composer, arranger, and merchandiser. Students will be expected to conduct research and present papers.

MUSL 4920. Advanced Conducting (2)

Prerequisite: MUSL 3920. Practical conducting experience for various styles of music. Emphasis will be placed on conducting choral and instrumental works in larger forms.

MUSL 4930. Independent Study III (3)

Prerequisite: Permission of the instructor.

MUSL 4950. Senior Honors (3)

Admission to the Senior Honors in music is by faculty approval only. Honors programs may be undertaken in performance, composition, or history and literature. The projects are a full-length senior recital, an extended composition and its performance, or the presentation of a research paper, respectively

Theatre

Johnny B. Alston, Chairperson
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The national award winning NCCU Department of Theatre is fully accredited by the National Association for Schools of Theatre (NAST). It offers a strong diversified curriculum for the Theatre Major. Within the theatre program concentrations are offered in performance, technical theatre, communications, theatre administration, and general theatre. Additionally, the department, which emphasizes cultural diversity, is the only theatre program in the Triangle area of North Carolina that offers a degree track in theatre education. A seventh concentration in musical theatre is under development. It will require courses in the Department of Music and in Dance. The success of the department's concentrations is reflected in the professional positions held by former majors: arts administrators, television producers, media managers, performers, stage managers, theatre technicians, teachers in public and higher education, and as graduate students in advanced degree programs. A degree in theatre does not limit a student's ability to work in other areas. Many students use this program as a pre-professional degree in preparation for graduate study in Law, Business (especially Public Relations), the Ministry, Architecture, Product Design and other media areas such as Radio and Film. An undergraduate degree in Theatre prepares a young adult for the professional work force through personal discipline, organizational skills, a creative outlook, an ability to collaborate and work with others, a broader appreciation of other cultures and beliefs and an ability to present oneself in public in a positive and dynamic way.

The department has built a winning tradition in the state, region and nation. It welcomes students with talent, potential and the willingness to become a part of the quest to represent the very best in theatre.

Majors are accepted into the department after interviews and observation by the faculty. Entry into the performance and technical divisions are based on auditions and portfolio presentation.

All majors, after interviews and observation by the faculty, are accepted into the department under the General Theatre Concentration. Students may declare other concentrations after acceptance. Entry into the Performance and Technical Concentrations is based on audition and portfolio presentation. Audition and Portfolio criteria may be obtained directly from the department or on the departmental web page.

Course Requirements for the Bachelor of Arts in Theatre and Theatre Arts Education

All Concentrations (Must have a grade of "C" or higher in all Theatre Courses)

1. Completion of a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years: complete the General Education Curriculum. (Choice of Concentration cannot be changed after first semester of junior year.)
 - a. Social Science Requirement:
Complete PSY 2100 and SOCI 2100 (except Teacher Education).
 - b. Arts and Humanities Requirement:
Complete PHIL 1000 (except Teacher Education).
 - c. Complete all remaining General Education Curriculum requirements.
3. Departmental core courses:
 - a. DRAM 2030, 2040, 2050, 2060, 2070, 2110, 2120, 2130, 2160, 3020, 3030, 3040, 3050, 4140
 - b. DRAM 2000 - each semester (except Teacher Education).
 - c. DRAM 3330 - two semesters (one semester for Teacher Education).
 - d. Required major's lab every week.

General Theatre Concentration

- DRAM 2070, 4110, 4210.
- One course selected from: DRAM 3220, 3240, 4230.
- One course selected from: DRAM 3310, 3410.

Technical Theatre Concentration

- ART 2300; DRAM 3220, 3230, 3240, 3260, 3410, 4210, 4230.
- One course selected from: MUSL 1260, 3300.
- Performance Concentration
- DRAM 3310, 3410; MUSL 1260, 3300.
- Complete either DRAM 4040 or DRAM 4500.
- One course selected from: DRAM 3220, 3240, 4210, and 4230.

Theatre Administration Concentration

- DRAM 4110, 4210; ECON 2200, 2300; ACCT 2400, 2500, 3100; MGT 3000, 3700, 4510; MKT 3210, 3350.

Theatre Communications Concentration

DRAM 3220; ENGM 2410, 2430, 2440, 3560, 3570, 3580, 3590.

Theatre Arts Education (K – 12) Program

(Must have a GPA of 2.5 or higher)

EDU 2600, 2800, 3000, 3010, 3020, 3120, 3130, 3150, 3170, 4106, 4206; DRAM 3410, 4110, 4140, 4210; MUSL 1200 or 3300.

Performance Concentration

DRAM 3310, 3410; MUSL 1260, 3300.
Complete DRAM 4040 or fulfill the requirements as Independent study. (DRAM 4040, Acting III, is open only to majors in the Performance Concentration.)

One course selected from: DRAM 3220, 3240, 4210, and 4230.

Theatre Arts Education (K - 12) Program

(Must have a GPA of 2.5 or higher and pass the Praxis I for admission to the Teacher Education Program.)

EDU 2600, 2800, 3000, 3010, 3020, 3120, 3130

Minor

A minor in Theatre requires the completion of 21 semester hours. The following are required courses: DRAM 2030, 2040, 2050, and 3030. Students select three courses from: DRAM 2110, 2120, 2130, 3020 and 3050.

Curriculum Plan for the Minor

in Theatre (The minor in Theatre requires the completion of 21 semester hours.)

I. REQUIRED Minor Courses:

DRAM 2030 Technical Theatre I
DRAM 2040 Introduction to Acting
DRAM 2050 Voice and Diction
DRAM 3030 Introduction to Directing

II. ELECTIVE Minor Courses:

(Select three from the following...)

DRAM 2110 History of the Theatre I
DRAM 2120 History of the Theatre II
DRAM 2130 Dramatic Literature I
DRAM 3020 Dramatic Literature II
DRAM 3050 Dramatic Literature III

Many courses listed in the first year of these plans are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Theatre, Concentration in Performance**Freshman Year**

Fall Semester			Credits	Spring Semester			Credits
*ENG 1110	Eng Comp I		3	*ENG 1210	Eng Comp II		3
*MATH			3	*SCI	Science		3
*SCI	Science		3	*	Foreign Language III		3
*HEDU 1531	Health		2	*PEDU 1541	Fitness		2
*HUSC 1521	Dimensions of Learn		3	*DRAM 2050	Voice & Diction (SI)		3
*DRAM 2040	Acting I		3	*DRAM 2000	Theatre Practice		1

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*MATH			3	*DRAM 1000	Appreciation of Drama		2
*HUM	Arts & Humanities		3	*HIST 1320	World Societies		3
*SOCI 2000	Society and Behavior		3	*DRAM 2160	Intro to Design		3
*DRAM 3330	Theatre Movement		1	*DRAM 2120	Theatre History II		3
*DRAM 3030	Directing I		3	*DRAM 3310	Acting II		3
*DRAM 2110	Theatre History I		3	*DRAM 2070	Stage Management		1

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*DRAM 2030	Technical theatre I		3	*DRAM 3020	Dramatic Literature II		3
*DRAM 2130	Dramatic Literature I		3	+DRAM 3410	Directing II		3
%JAZZ 2020	Jazz Combo		2	*DRAM 2000	Theatre Practice		1
	(Vocal Jazz)						
*DRAM 2000	Theatre Practice I		1	%PHIL 1000	Intro to Philosophy		3
*DRAM 3330	Theatre Movement		1	%PSY 2100	General Psychology		3
%MUSL 3300	Piano Class		2	*DRAM 4140	African-American Drama		3
	Electives		2	%MUSL 1260	Voice Class		2

Senior Year

Fall Semester			Credits	Spring Semester			Credits
*DRAM 3050	Dramatic Literature		3	*DRAM 2060	Oral Interpretation		3
	III (WI)						
*DRAM 2000	Theatre Practice		1	%SOCI 2100	Principles of Sociology		3
+DRAM 4040	Acting III (4500)		3	*DRAM 2000	Theatre Practice		1
*DRAM 3040	Playwriting		3		& Electives		8
	& Electives		5				

*(SI) = Speech Intensive

*(WI) = Writing Intensive

Total Minimum Credit Hours: 124

Distribution of Hours

* Core Curriculum Courses: 88

+ Performance Courses: 6

% Non-Departmental Required Courses: 15

& Electives: 15

Four-Year Curriculum Plan in Theatre, Concentration in Technical Theatre

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG 1110	Eng Comp I		3	*ENG 1210	Eng Comp II		3
*MATH			3	*SCI	Science		3
*SCI	Science		3	*	Foreign Language III		3
*HEDU 1531	Health		2	*PEDU 1541	Fitness		2
*HUSC 1521	Dimensions of Learning		3	*DRAM 2050	Voice & Diction (SI)		3
*DRAM 2040	Acting I		3	*DRAM 2000	Theatre Practice		1

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*SOCI 2000	Society and Behavior		3	*HIST 1320	World Societies		3
*MATH			3	*DRAM 1000	Appreciation of Drama		2
*HUM 2410	Arts & Humanities I or II		3	*DRAM 2160	Intro to Design		3
*DRAM 2030	Technical Theatre I		3	+DRAM 3220	Technical Theatre II		3
*DRAM 2110	Theatre History I		3	*DRAM 2120	Theatre History II		3
*DRAM 2000	Theatre Practice		1	*DRAM 2070	Stage Management		1

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*DRAM 3030	Directing I		3	*DRAM 3020	Dramatic Literature II		3
*DRAM 2130	Dramatic Literature I		3	+DRAM 3410	Directing II		3
*DRAM 3040	Playwriting		3	*DRAM 2000	Theatre Practice		1
*DRAM 3330	Theatre Movement		1	*DRAM 3260	Theatre Light Design		3
+DRAM 3230	Technical Theatre III		3	*DRAM 2060	Oral Interpretation & Elective		3
*DRAM 2000	Theatre Practice & Elective		1				

Senior Year

Fall Semester			Credits	Spring Semester			Credits
*DRAM 3050	Dramatic Literature III (WI)		3	+DRAM 4210	Theatre Administration		3
*DRAM 2000	Theatre Practice		1	%PHIL 1000	Intro to Philosophy		3
%SOCI 2100	Principles of Sociology		3	%MUSL 3300	Piano Class		2
%PSY 2100	General Psychology		3	*DRAM 4140	African-American Drama & Elective		3
*DRAM 3330	Theatre Movement & Electives		1				4
			4				

*(SI) = Speech Intensive

*(WI) = Writing Intensive

Total Minimum Credit Hours: 124

Distribution of Hours

* Core Curriculum Courses: 86

+ Technical Theatre Courses: 15

% Non-Departmental Required Courses: 11

& Electives: 12

Four-Year Curriculum Plan in Theatre, Concentration in Communications

Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG 1110	Eng Comp I	3	*ENG 1210	Eng Comp II	3
*MATH 1100	College Algebra & Trig.	3	*SCI	Science	3
*SCI	Science	3	*	Foreign Language III	3
*HEDU 1531	Health	2	*PEDU 1541	Fitness	2
*HUSC 1521	Dimensions of Learning	3	*DRAM 2050	Voice & Diction (SI)	3
*DRAM 3330	Theatre History I	3	*DRAM 2000	Theatre Practice	1
*DRAM 2040	Acting I	3			

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*MATH 1210	Finite Math	3	*DRAM 1000	Appreciation of Drama	2
*HUM	Arts & Humanities I or II	3	*HIST 1320	World Societies	3
*SOCI 2000	Society and Behavior	3	%PHIL 1000	Intro to Philosophy	3
*DRAM 3030	Directing I	3	*DRAM 2160	Intro to Design	3
*DRAM 2110	Theatre History I	3	*DRAM 2000	Theatre Practice	1
*DRAM 2070	Stage Management	1	*DRAM 2120	Theatre History II	3

Junior Year

Fall Semester		Credits	Spring Semester		Credits
*DRAM 2030	Technical Theatre I	3	*DRAM 3020	Dramatic Literature II	3
*DRAM 2130	Dramatic Literature I	3	+DRAM 3220	Technical Theatre II	3
*DRAM 3040	Playwriting	3	*DRAM 2060	Oral Interpretation	3
+ENGM 2400	Intro to Mass Comm.	3	+ENGM 2430	Media and Society	3
+ENGM 3560	Writing for Radio/TV	3	%PSY 2100	General Psychology	3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
*DRAM 3330	Theatre Movement	1	*DRAM 2000	Theatre Practice	1
*DRAM 3050	Dramatic Literature	3	+ENGM 3580	Video Production	3
+ENGM 3570	Audio Production	3	+ENGM 3590	Comm. Public relations	3
+ENGM 2440	Rpt & Writ for Mass Media	3	*DRAM 4140	African-American Drama	3
%SOCI 2100	Principles of Soc.	3	+ENGM 3525	Desktop Publishing & Electives	3
*DRAM 2000	Theatre Practice I & Electives	1			2

Total Minimum Credit Hours: 124

(SI) = Speech intensive

(WI) = Writing intensive

Distribution of Hours

* Core Curriculum Courses: 85

+ Communications Courses: 27

% Non-Departmental Required Courses: 9

& Electives: 3

Four-Year Curriculum Plan in General Theatre

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG 1110	Eng Comp I		3	*ENG 1210	Eng Comp II		3
*MATH			3	*SCI	Science		3
*SCI	Science		3	*	Foreign Language III		3
*HEDU 1531	Health		2	*DRAM 2050	Voice & Diction (SI)		3
*DRAM 3330	Theatre Movement		1	*HUSC 1521	Dimensions of Learning		3
*DRAM 2040	Acting I		3	*PEDU 1541	Fitness		2
*DRAM 2000	Theatre Practice		1				

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*MATH			3	+DRAM 1000	Appreciation of Drama		2
*HUM	Arts & Humanities		3	*HIST 1320	World Societies		3
	I or II						
*SOCI 2000	Society and Behavior		3	%PHIL 1000	Intro to Philosophy		3
*DRAM 3030	Directing I		3	*DRAM 2060	Oral Interpretation		3
*DRAM 2110	Theatre History I		3	*DRAM 2000	Theatre Practice		1
				*DRAM 2120	Theatre History II		3

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*DRAM 2030	Technical Theatre I		3	+DRAM 3220	Technical Theatre II		3
*DRAM 2130	Dramatic Literature I		3	*DRAM 3020	Dramatic Literature II		3
*DRAM 3040	Playwriting		3	*DRAM 2000	Theatre Practice		1
+DRAM	Performance Div		3	*DRAM 2160	Intro to Design		3
*DRAM 2000	Theatre Practice I				& Electives		5
*DRAM 3330	Theatre Movement		1				
*DRAM 2070	Stage Management		1				

Senior Year

Fall Semester			Credits	Spring Semester			Credits
*DRAM 3050	Dramatic Literature		3	+DRAM 4110	Children's Theatre		3
	III (WI)			*DRAM 4140	African-American Drama		3
*DRAM 2000	Theatre Practice		1	%PSY 2100	General Psychology		3
%SOCI 2100	Principles of		3	*DRAM 4210	Theatre Admin		3
	Sociology				& electives		6
	& Electives		8				

Total Minimum Credit Hours: 124

Distribution of Hours

* Core Curriculum Courses: 82
 + Communications Courses: 14
 % Non-Departmental Required Courses: 9
 & Electives: 19

(SI) = Speech intensive
 (WI) = Writing intensive

Four-Year Curriculum Plan in Theatre, K-12 Education

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG 1110	Eng Comp I		3	*ENG 1210	Eng Comp II		3
*MATH			3	*HUSC 1521	Dimensions of Learning 3		
*SCI	Science		3	*	Foreign Language III		3
*HUM	Arts & Humanities I or II		2	*DRAM 2050	Voice & Diction (SI)		3
*DRAM 3330	Theatre Movement		1	*PEDU 1541	Fitness		
*HEDU 1531	Health I		2	*DRAM 2070	Stage Management		1
*DRAM 2040	Acting I		3	*DRAM 1000	Appreciation of Drama		2

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
*MATH			3	*HIST 1320	World Societies		3
+EDU 2600	Orientation to Teaching		2	*SCI	Science		3
*SOCI 2000	Society and Behavior		3	*DRAM 2060	Oral Interpretation		3
+EDU 3000	Educational Psychology		3	+EDU 2800	Classroom Utilization		3
*DRAM 2030	Technical Theatre		3	*DRAM 2120	Theatre History II		3
*DRAM 2110	Theatre History I		3	%MUSL 1200 or 3300			1
				Fund of Music <u>or</u> Piano Class			2

Following the sophomore year, education students must pass the Praxis I (PPST) exam and apply for admission to the Teacher Education Program. Acceptance into the TEP requires a 2.5 GPA, a grade of C in required English courses and a recommendation from the Theatre Faculty

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*DRAM 3030	Directing I		3	*DRAM 4110	Children's Theatre		3
*DRAM 2130	Dramatic Literature I		3	*DRAM 3020	Dramatic Literature II		3
+EDU 3030	Diversity, Pedagogy		3	*DRAM 3410	Directing II		3
+EDU 3120	Inclusive Teaching		2	*DRAM 4210	Theatre Administration		3
+EDU 3010	Human Growth		3	*DRAM 4140	African-American Drama		3
+EDU 3150	Instructional Plan =		3	*DRAM 2160	Intro to Design		3

Senior Year

Fall Semester			Credits	Spring Semester			Credits
				Student Teaching Semester			
*DRAM 3040	Playwriting		3	+EDU 4106	Methods =		3
*DRAM 3050	Dramatic Literature III (WI)		3	+EDU 4206	Directed Teaching =		6
+EDU 3170	Assess of Learning = & Electives		3 2				

(SI) = Speech intensive

(WI) = Writing intensive

= Requires formal admission to the Teacher Education Program

Total Minimum Credit Hours: 124

Distribution of Hours

* Core Curriculum Courses: 91

+ Communications Courses: 29

% Non-Departmental Required Courses: 2

&Electives: 2

Four-Year Curriculum Plan in Theatre, Concentration in Management/Administration**Freshman Year**

Fall Semester			Credits			Spring Semester			Credits		
*ENG 1110	Eng Comp I	3				*ENG 1210	Eng Comp II	3			
*MATH 1100	Col. Alg. & trig.	3				*SCI	Science	3			
*SCI	Science	3				*	Foreign Language III	3			
*HEDU 1531	Health	2				*PEDU 1541	Fitness	2			
*HUSC 1521	Dimensions of Learning	3				*DRAM 2050	Voice & Diction (SI)	3			
*DRAM 2040	Acting I	3				*DRAM 2000	Theatre Practice	1			

Sophomore Year

Fall Semester			Credits			Spring Semester			Credits		
*MATH		3				+DRAM 1000	Appreciation of Drama	2			
*HUM	Arts & Humanities I or II	3				*HIST 1320	World Societies	3			
						%PHIL 1000	Intro to Philosophy	3			
*SOCI 2000	Society and Behavior	3				*DRAM 2060	Oral Interpretation	3			
*DRAM 3030	Directing I	3				*DRAM 2120	Theatre History II	3			
*DRAM 2110	Theatre History I	3				*DRAM 4140	African-American Drama	1			
*DRAM 3330	Theatre Movement	1									
*DRAM 2000	Theatre Practice	1									

Junior Year

Fall Semester			Credits			Spring Semester			Credits		
*DRAM 2030	Technical Theatre I	3				*DRAM 3020	Dramatic Literature II	3			
*DRAM 2130	Dramatic Literature I	3				*DRAM 4110	Children's Theatre	3			
*DRAM 3040	Playwriting	3				+ECON 2200	Macro Economics	3			
+DRAM 4210	Theatre Admin	3				+ACCT 2400	Principles of Accounting I	3			
%SOCI 2100	Principles of Soc	3				%PSY 2100	General Psychology	3			
*DRAM 3330	Theatre Movement	1				*DRAM 2160	Intro to Design for Theatre	3			

Senior Year

Fall Semester			Credits			Spring Semester			Credits		
*DRAM 3050	Dramatic Literature III (WI)	3				*DRAM 2000	Theatre Practice	1			
*DRAM 2000	Theatre Practice	1				+MGT 3700	Organ Behavior	3			
+ACCT 2500	Principles of Accounting II	3				+MGT 4510	Human Resource Mgt	3			
+ECON 2300	Micro Economics	3				+MKT 3350	Promotions Mgt	3			
+MGT 3000	Organization & Management	3				+ACCT 3100	Legal Environments	3			
+MKT 3210	Principles of MKT.	3				*DRAM 2070	Stage Management & Elective	1			
								1			

(SI) = Speech intensive

(WI) = Writing intensive

Total Minimum Credit Hours: 124

Distribution of Hours

* Core Curriculum Courses: 91

+ Business Courses: 30

% Non-Departmental Required Courses: 2

&Electives: 1

College of Science and Technology

Caesar R. Jackson, Dean
Saundra F. DeLauder, Associate Dean
Yolanda Banks Anderson, Assistant Dean

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MISSION:

The College of Science and Technology (CS&T) promotes North Carolina Central University's commitment to excellence in instruction, research, service, and entrepreneurship. Through its culturally diverse faculty, staff, students, and alumni, the CS&T cultivates an interdisciplinary and comprehensive learning environment for our science community by:

- Preparing undergraduate and graduate students through engaging course work, experiential learning, and intensive training in basic, applied, or pedagogical research;
- Fostering computational and technological literacy, critical analysis and analytical thinking;
- Developing hands-on and literature-based research skills for independent learning and effective communication of scientific ideas through writing and presentation;
- Encouraging students, faculty and staff to interact in a motivating and evolving research and learning community, developing essential skills for productive careers as scientists, academicians, and professional leaders.

VISION:

The College of Science and Technology will harness its substantial intellectual resources to be a leading educator of underrepresented and underserved populations of undergraduate and graduate students in the sciences and technology by providing a strong, competitive, well-supported environment for teaching and research.

PROGRAM LEARNING OUTCOMES:

In keeping with its mission and vision, students graduating in the College of Science and Technology will demonstrate the following:

- An understanding of the professional and ethical responsibilities associated with scientific discovery as well as their impact in a global society;
- Clear and concise oral and written communication skills as well as the ability to read and comprehend scientific and technical information;
- Problem solving skills through the ability to apply scientific methods to formulate questions and plan investigations;
- The ability to design and conduct experiments and to collect, analyze, and interpret data
- The ability to develop theoretical, computational, and/or conceptual models of physical and natural systems and make predictions and interpretations based upon these models.

The departments in the CS&T are:

Biology
Chemistry
Environmental, Earth and Geospatial Sciences
Mathematics and Computer Science
Physics
Pharmaceutical Science

Academic Programs

The College of Science and Technology has the following accredited programs:

Chemistry; Department of Chemistry (American Chemical Society)
Environmental Science (Environmental Health Science Concentration), Department of Environmental, Earth and Geospatial Sciences (National Environmental Health Science and Protection Accreditation Council)

Biology

Amal Abu-Shakra, Chairperson
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 Fax: (919) 530-7773
 Email: abushak@nccu.edu

The undergraduate courses in the Department of Biology are designed to provide a basic program for the training and development of prospective biologists, including students interested in careers in fundamental research, biotechnology, and teaching, as well as those planning to enter such applied fields as medicine, dentistry, veterinary medicine, laboratory technology, conservation, industry and environmentally related fields. The general biology program provides, as a part of the liberal arts program, the opportunity for students to acquire a broad knowledge of biology and an appreciation of the biological sciences.

Course Requirements for the Bachelor of Science in Biology

General Biology Program:

1. Minimum of 124 semester hours with a grade point average of 2.0 or higher in the major and cumulative. The last 30 semester hours must be completed at NCCU.
2. Freshman and sophomore years: completion of the General Education Curriculum (GEC). Science and mathematics courses required for the major satisfy GEC science and mathematics requirements.
3. Non-departmental requirements: completion of all of the following groups:
 - a. MATH 1100 and MATH 1200 (or MATH 1410) and MATH 2010
 - b. CHEM 1100 and CHEM 1200
 - c. CHEM 3100 and CHEM 3120
 - d. CHEM 3310 and CHEM 3320
 - e. PHYS 2110 and PHYS 2120

4. Departmental required courses: BIOL 1101, 1201, 2200, 3100, and 4040. The first three courses must be completed in the sequence given, with a grade of 'C' or better, before any other Biology courses, required or elective, may be taken.
5. Elective courses: complete 21 hours, including four courses taken from four categories of required electives as listed below:
 - a. Complete at least one of the following courses emphasizing biodiversity: BIOL 2100, 2400, or 3200
 - b. Complete at least one of the following courses emphasizing environmental biology: BIOL 2600, 2700, 3400, or 3430
 - c. Complete at least one of the following courses emphasizing cell biology, molecular biology, or physiology: BIOL 2020, 4000, 4100, 4300, 4310, 4550, 4610, CHEM 4500, or 4520
 - d. Complete at least one of the following specialized upper-level courses: BIOL 4110, 4350, 4400, 4500, 4510, 4610, 4620, 4650, 4750, 4850, 4900, or 4930

Minor In Biology

The minor in biology consists of 21 semester hours in biology, including the following required courses:

BIOL 1101, 1201, 2200, and 3100.

Biology, Concentration in Pre-Medicine and Pre-Dentistry (Biomedical Sciences)

1. Minimum of 124 semester hours. The last 30 semester hours must be completed at NCCU.
2. Achieve a minimum grade point average of 2.75 overall with no grade lower than "C" in any biology, chemistry, physics, or mathematics course by the end of the sophomore year. Achieve a minimum grade

point average of 3.0 overall with no grade lower than "C" in any course by the end of the junior year. Thereafter, maintain a minimum grade point average of 3.0 overall with no grade lower than "C" in any course to graduate.

3. Freshman and sophomore years: complete the General Education Curriculum (GEC). Science and mathematics courses required for the major satisfy GEC science and mathematics requirements.
4. Non-departmental requirements: complete all of the following groups:
 - a. MATH 1100 and 1200 (or MATH 1410) and MATH 2010
 - b. CHEM 1100 and 1200
 - c. CHEM 3100 and 3120
 - d. CHEM 3310 and 3320
 - e. PHYS 2110 and 2120
5. Departmental required courses: BIOL 1101, 1201, 2200, 3100, 4040, and 4310.
6. Elective courses: complete 17 hours, including three courses taken from three categories of required electives as listed below:
 - a. Complete at least one of the following courses emphasizing biodiversity and environmental biology: BIOL 2100, 2400, 2600, 2700, 3400 or 3430.
 - b. Complete at least one of the following courses emphasizing cell biology, molecular biology, or physiology: BIOL 2020, 2105, 3300, 4000, 4100, 4300, 4550, 4610, or CHEM 4500.
 - c. Complete at least one of the following courses emphasizing biomedical science: BIOL 3200, 4110, 4350, 4620, 4750, 4930, CHEM 4150, or 4550.

Biology, Concentration in Biopharmaceutical Science

1. Minimum of 127 semester hours.

2. Completion of the General Education Curriculum (GEC). Science and mathematics courses are required for the major to satisfy GEC science and mathematics requirements.
3. Non-departmental requirements: complete all of the following groups:
 - a. MATH 1100 and 1200 (or MATH 1410) and MATH 2010
 - b. CHEM 1100 and 1200
 - c. CHEM 3100 and 3120
 - d. CHEM 3310 and 3320
 - e. CHEM 4500
 - f. CHEM 4520
 - g. PHYS 2110 and 2120
4. Departmental required courses: BIOL 1101, 1201, 2105, 2200, 3100, 3200, 4040, 4550, 4620, 4930.
5. Elective courses: complete 8 hours from the following: BIOL 3300, 4000, 4200, or 4250.

Biology, Concentration in Biotechnology

1. Minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 semester hours must be completed at NCCU.
2. Freshman and sophomore years - completion of the General Education Curriculum (GEC). Science and mathematics courses required for the major satisfy GEC science and mathematics requirements.
3. Non-departmental requirements - complete all of the following groups:
 - a. MATH 1100 and 1200 (or MATH 1410) and MATH 2010
 - b. CHEM 1100 and 1200
 - c. CHEM 3100 and 3120
 - d. CHEM 3310 and 3320
 - e. CHEM 4500
 - f. CHEM 4520
 - g. PHYS 2110 and 2120

4. Departmental required courses: BIOL 1101, 1201, 2200, 3100, 3200, 4400, 4620, 4630, and 4930.

5. Elective courses - complete 8 hours from the following: BIOL 2105, 3300, 4000, 4200, or 4550.

Biology, Concentration in Secondary Education (Is being phased out)

**Four Year Curriculum Plan in Biology
Bachelors in Biology (General)**

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1110	English Composition I	3	*ENG	1210	English Composition II	3
*HUSC	1521	Dimensions of Learning	2	*ENG	1250	Elements of Speech (SI)	3
=MATH	1100	College Algebra/Trig I	3	=MATH	1200	College Algebra/Trig II	3
=CHEM	1100	General Chemistry I	4	=CHEM	1200	General Chemistry II	4
+BIOL	1101	General Biology I	4	+BIOL	1201	General Biology II	4

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
		Foreign Language III	3	*HIST	1320	World Societies	3
=MATH	2010	Calculus I	5	&General Elective			3
=CHEM	3100	Organic Chemistry I	3	=CHEM	3310	Organic Chemistry II	3
=CHEM	3120	Organic Chemistry I Lab	2	=CHEM	3320	Organic Chemistry II Lab	2
+BIOL	2200	Molecular Biology of Cells	4	++Biology Elective			4

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*HUM	2410	Arts & Humanities I OR		*Social Sciences Elective			3
*HUM	2420	Arts & Humanities II	3	*Arts & Humanities Elective			3
*HEDU	1531	Health	2	*PEDU	1541	Fitness	2
=PHYS	2110	General Physics I	4	=PHYS	2120	General Physics II	4
+BIOL	3100	Genetics	4	++Biology Elective			4
		&General Elective	3				

Senior Year

Fall Semester			Credits	Spring Semester			Credits
++Biology Electives (including WI course)			7	++Biology Electives			6
&General Electives			7	&General Electives			6
				+BIOL	4040	Senior Seminar	1

Total MINIMUM CREDIT HOURS: 124

Distribution of Hours:

- * Core Curriculum Courses - 30 (not including the science courses that are in the required course list)
- + Core Biology Courses - 17
- ++ Required electives in the major - 21
- = Required courses in Chemistry (18), Physics (8), and Mathematics (11) - 37
- & General Electives
- < Students must pass complete the curriculum with a minimum GPA = 2.0 in Major and 2.0 Overall
- < Students must complete Writing Intensive (WI) and a Speaking Intensive (SI) courses

Many courses listed in the first year of these plans are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four Year Plan in Biology
Bachelors in Biology (Concentration in Pre-Medicine and Pre-Dentistry)

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1110	English Composition I	3	*ENG	1210	English Composition II	3
*HUSC	1521	Dimensions of Learning	2	*ENG	1250	Elements of Speech	3
=MATH	1100	College Algebra/Trig I	3	=MATH	1200	College Algebra/Trig II	3
=CHEM	1100	General Chemistry I	4	=CHEM	1200	General Chemistry II	4
+BIOL	1101	General Biology I	4	+BIOL	1201	General Biology II	4

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
		Foreign Language III	3	*HIST	1320	World Societies	3
=MATH	2010	Calculus I	5	&General		Elective	3
=CHEM	3100	Organic Chemistry I	3	=CHEM	3310	Organic Chemistry II	3
=CHEM	3120	Organic Chemistry I Lab	2	=CHEM	3320	Organic Chemistry II Lab	2
*BIOL	2200	Molecular Biology of Cells	4	++Biology		Elective	4

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*HUM	2410	Arts & Humanities I OR		*Social		Sciences Elective	3
*HUM	2420	Arts & Humanities II	3	*Arts & Humanities		Elective	3
*HEDU	1531	Health	2	*PEDU	1541	Fitness	2
=PHYS	2110	General Physics I	4	=PHYS	2110	General Physics II	4
+BIOL	3100	Genetics	4	+BIOL	4310	Adv Hum Anatomy & Phys	4
		& General Elective	3				

Senior Year

Fall Semester			Credits	Spring Semester			Credits
++		Biology Electives (including WI course)	7	++Biology		Electives	6
		& General Electives	6	& General		Elective	7
+BIOL	4040	Senior Seminar	1				

Total MINIMUM CREDIT HOURS: 124

Distribution of Hours:

- * Core Curriculum Courses - 30 (not including the science courses that are in the required course list)
- + Core Biology Courses - 21
- ++ Required electives in the major - 17
- = Required courses in Chemistry (18), Physics (8), and Mathematics (11) - 37
- & General Electives
- < Students must pass complete the curriculum with a minimum GPA = 2.75 in Major with no grades lower than "C" in the major
- < Students must complete Writing Intensive (WI) and a Speaking Intensive (SI) courses

Four Year Plan in Biology
Bachelors in Biology (Concentration in Biopharmaceutical Science)

Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG 1110	English Composition I	3	*ENG 1210	English Composition II	3
=MATH 1100	College Algebra/Trig I	3	=MATH 1200	College Algebra/Trig II	3
=CHEM 1100	General Chemistry I	4	=CHEM 1200	General Chemistry II	4
+BIOL 1101	General Biology I	4	+BIOL 1201	General Biology II	4
*HUM1521	Dimensions of Learning	2	*Foreign Language*		3
%BRITE Seminar 1		1	%BRITE Seminar 2		1

BRIDGE TO BRITE CGMP LABORATORY (Optional)**Sophomore Year**

Fall Semester		Credits	Spring Semester		Credits
=MATH 2010	Calculus I	5	=MATH 2400	Intro to Statistics	3
=CHEM 3100	Organic Chemistry I	3	=CHEM 3120	Organic Chemistry II	3
=CHEM 3310	Organic Chemistry I Lab	2	=CHEM 3320	Organic Chemistry II Lab	2
+BIOL 2200	Molecular Biology of Cells	4	*HEDU 1531	Health	2
*PEDU 1541	Fitness	2	++BIOL 3200	Microbiology	4
%BRITE Seminar 3		1	%BRITE Seminar 4		1

BRIDGE TO BRITE IMMUNOLOGY/VIROLOGY (Optional)**Junior Year**

Fall Semester		Credits	Spring Semester		Credits
=CHEM 2020	Quantitative Analysis	4	=CHEM 4250	Instrumentation	4
=PHYS 2110	General Physics I	4	=PHYS 2120	General Physics II	4
+BIOL 3100	Genetics	4	=CHEM 4500	Biochemistry	3
++BIOL 4550	Techniques In Biol/Chem	3	=CHEM 4520	Biochemistry Lab II	2
			++BIOL 4930	Scientific Writing	3
%BRITE Seminar 5		1	%BRITE Seminar 6		1

REQUIRED INTERNSHIP**Senior Year**

Fall Semester		Credits	Spring Semester		Credits
& Elective		3	%BRITE Speaking (SI) course or ENG1250)		3
%BRITE I	(Lab Module)	4	++BIOL 2105 Comp. Sci and Informatics		3
*HIST 1320	World Societies	3	%BRITE II	(Lab Module)	4
++BIOL 4620	Bioethics	3	*Arts & Humanities I or II		3

Total MINIMUM CREDIT HOURS: 126

Distribution of Hours:

- * Core Curriculum Courses - 21 (not including the science courses that are in the required course list)
- + Core Biology Courses - 17
- ++ Required electives in the major - 16
- = Required courses in Chemistry (31), Physics (8), and Mathematics (14) - 53
- % BRITE courses and seminars
- & General Electives
- < Students must pass complete the curriculum with a minimum GPA = 3.0 in Major
- < Students must complete Writing Intensive (WI) and a Speaking Intensive (SI) courses

Four Year Plan in Biology
Bachelors in Biology (Concentration in Biotechnology)

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
*ENG	1110	English Composition I	3	*ENG	1210	English Composition II	3
*HUSC	1521	Dimensions of Learning	2	*ENG	1250	Elements of Speech	3
=MATH	1100	College Algebra/Trig I	3	=MATH	1200	College Algebra/Trig II	3
=CHEM	1100	General Chemistry I	4	=CHEM	1200	General Chemistry II	4
+BIOL	1101	General Biology I	4	+BIOL	1201	General Biology II	4

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
		*Foreign Language III	3	*HIST	1320	World Societies	3
=MATH	2010	Calculus I	5	&General Elective			3
=CHEM	3100	Organic Chemistry I	3	=CHEM	3310	Organic Chemistry II	3
=CHEM	3120	Organic Chemistry I Lab	2	=CHEM	3320	Organic Chemistry II Lab	2
+BIOL	2200	Molecular Biology of Cells	4	++BIOL	3200	Microbiology	4

Junior Year

Fall Semester			Credits	Spring Semester			Credits
*HUM	2410	Arts & Humanities I or		*Social Sciences Elective			3
*HUM	2420	Arts & Humanities II	3	*Arts & Humanities Elective			3
*HEDU	1531	Health	2	=PHYS	2120	General Physics II	4
*PEDU	1541	Fitness	2	++BIOL	4400	Introduction to Research	3
=PHYS	2110	General Physics I	4	+BIOL	4630	Seminar in Biotechnology	1
+BIOL	3100	Genetics	4				
++BIOL	4620	Bioethics	3				

Senior Year

Fall Semester			Credits	Spring Semester			Credits
& General Electives			7	& General Elective			4
++BIOL	4930	Scientific Writing	3	++CHEM	4500	Biochemistry	3
++Biotechnology Elective			4	++CHEM	4520	Biochemistry Lab	2
				++Biotechnology Elective			4

Total MINIMUM CREDIT HOURS: 124

Distribution of Hours:

- * Core Curriculum Courses - 30 (not including the science courses that are in the required course list)
- + Core Biology Courses - 17
- ++ Required electives in the major - 21
- = Required courses in Chemistry (23), Physics (8), and Mathematics (11) - 42
- & General Electives
- < Students must pass complete the curriculum with a minimum GPA = 2.5 in Major and 2.0 Overall
- < Students must complete Writing Intensive (WI) and a Speaking Intensive (SI) courses

Biology Course Descriptions

BIOL 1000. Heredity and Society (3).

This course is designed to introduce the student to the role of science, especially genetics, in seeking solutions to societal problems. Interdisciplinary in approach and does not require or assume any background in biology. (Three lecture hours per week)

BIOL 1100. General Biology (3).

For students, who are not biology majors and who will not be required to take upper-level courses in biology. The course covers an introduction to cellular biochemistry, a survey of the Plant, Monera, Protista and Animal Kingdoms, and a study of the systems of the human body. The laboratory consists of selected exercises which complement the lecture material. (Two lecture hours and two laboratory hours per week)

BIOL 1101. General Biology I (4).

The first course for biology majors, other science majors and persons, who will be taking upper-level courses in biology. An introduction to the scientific method, a brief survey of the history of biology, an introduction to the physical and chemical properties of biological molecules, a survey of cellular structure and function, and an introduction to the basic principles of genetics. (Three lecture hours and two laboratory hours per week)

BIOL 1201. General Biology II (4).

Prerequisite: Grade of 'C' or better in BIOL 1101. The second course for biology majors, other science majors and persons, who will be taking upper-level courses in biology. A survey of the kingdoms of living organisms, an introduction to the anatomy and physiology of the systems of the vertebrate body, an introduction to evolutionary theory and the evidence of evolution, and an introduction to the fundamental principles of ecology. (Three lecture hours and two laboratory hours per week)

BIOL 1300. Molecules and Cell Function (4).

An introduction to modern fundamental principles necessary for major training in the biological sciences. Basic physical and chemical properties of the major classes of biological molecules and their interactions and interrelationships with the organization and function of living cells are covered. This course cannot be used as an elective to satisfy requirements for a degree in biology. (Three lecture hours and two laboratory hours per week)

BIOL 1610. Human Anatomy and Physiology I (4).

Prerequisite: BIOL 1300. An integrated, in-depth study of the anatomy and physiology of the human body, including cells, tissues, integument, skeletal, muscular, and nervous systems and sense organs. This course cannot be used as an elective to satisfy requirements for a degree in biology. (Three lecture hours and two laboratory hours per week)

BIOL 1620. Human Anatomy and Physiology II (3).

Prerequisite: BIOL 1610. A continuation of BIOL 1610 with special emphasis on cardiovascular, lymphatic, respiratory, digestive, endocrine, excretory, and reproductive systems and human development. This course cannot be used as an elective to satisfy requirements for a degree in biology. (Two lecture hours and two laboratory hours per week)

BIOL 2020. Basic Neurobiology (3).

Prerequisites BIOL 1300 or BIOL 1101, 1201, and 2200. A study of the fundamental principles of the neuron and a general description of the nervous system. Students will learn the basics of brain structure and function (neuroanatomy, neurophysiology, and neuropharmacology) and how we move and perceive the world (motor and sensory systems). This foundation will be used to explore what is known about higher cognitive processing such as learning, memory, and language; the neural mechanisms of sleep, dreaming, emotion, and addiction; and what happens in the brain when things go wrong. (Three lecture hours per week)

BIOL 2030. Special Studies in Biology (1-3). Prerequisites and credit will depend on the topic covered. Specialized offerings that will provide majors, especially those in the first two years of study, and interested non-majors with opportunities for an introductory study of a single topic in biology. Topics may include selection and preparation for career opportunities in selected areas, exploration of a developing area of biology, or consideration of the political or social implications of an area of biology. (Different course sections can be taken, for a maximum of three credits)

BIOL 2100. General Zoology (4). Prerequisites: BIOL 1101, 1201, and 2200. An introduction to the general principles of zoology based on the study of selected representatives of the major animal phyla; including an elucidation of how the basic functions of life, e.g., digestion, respiration, circulation, excretion, information processing and reproduction, are accomplished in each phylum. (Three lecture hours and two laboratory hours per week)

BIOL 2105. Biology/Chemistry. Introduction to Computational Science and Informatics (3). An introduction to informatics, including data mining via the Internet, data warehousing, and skills required to present and publish data in an effective manner. The emerging area of bioinformatics and use of biological databases containing protein or nucleic acid sequences will be emphasized along with relevant software. The course also will familiarize students with construction and use of computational models to study problems of scientific interest. The necessary mathematical background as well as data acquisition, evaluation, management, and visualization/presentation methods will be covered. Students will design and complete their own computational projects using these skills. (Three lecture hours per week)

BIOL 2200. Molecular Biology of Cells (4). Prerequisites: Grade of 'C' or better in BIOL 1101 and BIOL 1201. The third course for biology majors and persons, who will be taking upper-level

courses in biology. An in-depth study of the structure of cells, the physiology of cells, and molecular biology designed to convey basic knowledge about cells that will be needed as background for upper-level biology courses. (Three lecture hours and two laboratory hours per week)

BIOL 2400. General Botany (4). Prerequisites: BIOL 1101, 1201, and 2200. An introduction to the distinguishing characteristics, morphogenesis, life processes, ecology, and economic value of selected representatives of the major plant groups. (Three lecture hours and two laboratory hours per week)

BIOL 2600. Environmental Biology (4). Prerequisites: BIOL 1101, 1201, and 2200. A consideration of the interplay between the whole living organism and the environment. Emphasis will be placed on those topics that concern humans. Their modification of the environment and the effects of that environment on humans, with development of the concept of human beings as biological organisms and a part of the living world. (Three lecture hours and two laboratory hours per week)

BIOL 2700. Environmental Problems (4). An introduction to current problems in the environmental health sciences. Five blocks are presented which deal with: (1) community health problems, (2) water quality, (3) air quality, (4) occupational health and safety, and (5) environmental microbiology. A sixth special problem block will deal with current research in environmental problems. (Three lecture hours and two laboratory hours per week)

BIOL 3100. Genetics (4). Prerequisites: Grade of 'C' or better in BIOL 1101, 1201, and 2200. A study of the broad areas of Mendelian inheritance, linkage, sex-connected inheritance, multiple alleles, multiple genes, molecular genetics, mutation, population genetics, chromosomal aberrations, and application of genetics in agriculture, animal husbandry, and genetic counseling. The laboratory

consists of research-oriented experiments, including breeding exercises with *Drosophila*, analysis of plant growth data, cytogenetics, induction of mutations, and investigation of a construction of human karyotypes and pedigrees genetic engineering. (Three lecture hours and two laboratory hours per week)

BIOL 3200. General Microbiology (4).
Prerequisites: BIOL 1101, 1201, and 2200. A study of the morphological and physiological characteristics of bacteria, 256 protozoa, and fungi. General principles of infection, microbial control, and immunity are also discussed. (Three lecture hours and two laboratory hours per week)

BIOL 3300. Molecular Cell Biology (4).
Prerequisites: BIOL 2200, CHEM 1100, and CHEM 1200 or consent of instructor. A thorough study of the eukaryotic cell, emphasizing molecular approaches to understanding cellular structure, organization, and function. Key topics in cell biology of contemporary and biomedical relevance will be covered, including the cell cycle, cytoskeleton, membrane trafficking, signal transduction, and cellular movement. Instruction will be inquiry-based, with extensive use of informational and instructional technology. (Four lecture hours per week)

BIOL 3400. Ecology (3).
Advanced Standing. An introduction to the study of organisms in natural habitats with emphasis on growth of populations, the chemical role of organisms, energy flow through food chains and the development of ecological systems through geologic time. (Two lecture hours and two laboratory hours per week)

BIOL 3430. Marine Biology (3).
Prerequisite: Advanced standing. A study of the physical environments of the oceans and the communities of animals, plants, and microorganisms living in salt water. Interactions between organisms, physiological adaptations of organisms, the impact of humans on oceans and their life, and the value of oceans

to human life are emphasized. (3 lecture hours per week)

BIOL 4000. Cell Physiology (4).
Prerequisites: BIOL 2200, CHEM 2000 or 3010, and PHYS 2110. A study of advanced concepts of cell ultrastructure and form-function together with examination of the strategies that have evolved in cells for carrying out the processes and functions of life, emphasizing the molecular basis of cellular activities and control mechanisms. (Three lecture hours and two laboratory hours per week)

BIOL 4040. Senior Seminar (1).
Prerequisite: advanced standing. A course designed to teach students how to search the scientific literature and prepare an oral presentation on some current topic of research in biology. Students are required to attend all student presentations during the semester and may be required to attend departmental seminars. (One discussion-presentation hour per week)

BIOL 4100. Inquiries in Developmental Biology (3).
Prerequisite: Junior classification and consent of instructor. An exploration of contemporary research papers about the biology of development, as well as observations and experimentation of living organisms. (Three discussion-laboratory hours per week)

BIOL 4110. Vertebrate Histology (3).
Prerequisite: BIOL 2100. A study of the basic mammalian tissues and their microscopic anatomy. Emphasis is placed on structural relationships between tissues and on the interstitial environment. (Two lecture hours and two laboratory hours per week)

BIOL 4200. Introduction to Biostatistics (3).
Prerequisites: BIOL 1101, 1201, 2200, and MATH 1200, or consent of instructor. A practical study of the role of statistics in research; Principles and methods of statistical analysis and interpretation of data as applied to biological problems are covered. (Two lecture and two laboratory hours per week)

BIOL 4300. Vertebrate Physiology (3).

Prerequisite: BIOL 2100. A study of the physiology of mammalian organ systems and their interrelationships. Emphasis is placed on membrane transport, body fluid chemistry, and hormonal control as related to organ metabolism and function. (Two lecture hours and two laboratory hours per week)

BIOL 4310. Advanced Human Anatomy and Physiology (4).

Prerequisites: BIOL 3100 or BIOL 3200, CHEM 1100, CHEM 1200, PHYS 2110. A study of the physiology and anatomy of human organ systems with emphasis on the role of molecular and cellular biology in understanding metabolic function, inclusive of transmembrane potentials and receptor dynamics, along with the relationship between form and function. (Three lecture hours and two laboratory hours per week)

BIOL 4350. Cancer Biology (3).

Prerequisites: BIOL 2200 and BIOL 3100 or consent of instructor. A course focusing on the role of cells and genes in the development of cancer in humans. Course coverage will include examination of the role of specific genes such as tumor suppressor genes and oncogenes in the development of cancer, treatments employed against cancer in the context of their specific cellular and molecular targets, and current topics in cancer such as the genetic diagnosis of cancer susceptibility through family and population studies. (Three lecture hours per week)

BIOL 4400. Introduction to Research (1-3).

Prerequisite: consent of department and staff member under whom the work is to be done. A course designed to give the student an opportunity to undertake the selection and investigation of a limited; well-defined biological research project under the supervision of a member of the regular faculty. Course can be taken over more than one semester for a total of three credits.

BIOL 4500. Parasitology (3).

Prerequisite: BIOL 2100. A consideration of the fundamental principles governing animal parasites with emphasis on their taxonomy, biochemistry, morphology, development and life cycles, physiology and ecology. (Two lecture hours and two laboratory hours per week)

BIOL 4510. Field Work in Environmental Studies (3).

Students may arrange to work in any of the following agencies for one semester: (1) municipal waterworks, (2) municipal refuse department, (3) municipal waste water, (4) governmental agencies (EPA, NIEHS, etc), (5) national or regional laboratories, or (6) museums. The student may conduct research in the field or gain on-the-job training for his/her professional development.

BIOL 4520. Field Work in Environmental Studies (3)
(3) A continuation of BIOL 4510.**BIOL 4550. Techniques in Biochemistry and Molecular Biology (3).**

Prerequisites: Grade of 'C' or better in BIOL 1101, 1201, and 2200. An interdisciplinary course designed for upper level undergraduate students who have an interest in understanding theory and application of techniques in biochemistry, advanced microscopy, and molecular biology. This course is a hands-on, research level course, which is taught solely in the laboratory. Students will learn how to develop hypothesis driven protocols, conduct experiments, collect data, analyze data, and predict follow-up steps for a given project. (Two lecture hours and three laboratory hours per week).

BIOL 4610. Selected Topics in Biology (1-3 per section).

Prerequisite: Advanced standing. Other prerequisites and credit will depend upon the topic. Selected topics that will provide majors opportunities for in-depth exploration of recent and actively developing areas of biology. Current primary literature sources related to the particular topic will form the content base for each offering. Student participation will include

written and oral presentations and laboratory when appropriate for the topic. (Course may be repeated for credit depending upon sections)

BIOL 4620. Bioethics (3).

A cross-disciplinary field of science directed toward a deeper understanding of morality, truth, necessity, benefit and harm with respect to human responsibilities in medicine, healthcare, life sciences, and scientific research. The field is broad-based in the sciences with strong ties to ethical, social, spiritual, legal, and political values. (Three lecture hours per week)

BIOL 4630. Seminar in Biotechnology (1).

Prerequisites: BIOL 3100 and 3200. A course designed for students to explore many of the new discoveries in biotechnology through reading of journals, on-line discoveries and through shared expertise of scientists from industrialized settings. Students will be required to attend seminars, summarize them and present a Power Point seminar. (One discussion-presentation hour per week)

BIOL 4650. Eukaryotic Microbiology (2).

Prerequisite: BIOL 2100, 2400 or consent of instructor. A discussion of the eukaryotic microbes of industry and disease in a seminar symposium format. Emphasis is given to the characteristics and ecology of the organisms and to their effect on human welfare as these are described in the current literature. (One two-hour lecture-discussion session per week)

BIOL 4750. Biomedical Botany (3).

Prerequisite: BIOL 2400, CHEM 1300; or consent of instructor. A course designed primarily to acquaint the student with the fundamentals of plant diversity and the relation of plants to human affairs. Students will learn of the many direct and indirect ways that plants affect our lives medically. (Two lecture hours and two laboratory hours per week)

BIOL 4850. Comparative Animal Physiology (4).

Prerequisite: BIOL 2100, CHEM 3010 or 3100, PHYS 2110. An in-depth study of functional

similarities and differences of genetically dissimilar organisms ranging from animal-like protists to chordates. (Three lecture hours and two laboratory hours per week)

BIOL 4900. Local Flora (3).

Prerequisite: BIOL 2400 or consent of instructor. An advanced course in the identification of vascular plants, native and introduced, that occur in this locality. Extensive experience in the use of taxonomic keys is included. (Two lecture hours and two laboratory hours per week)

BIOL 4910. Undergraduate Honors Seminar (1).

A course designed for honors majors to discuss their research activities and topics of current biomedical interest with faculty and outside biomedical scientists. (One hour per week)

BIOL 4920. Senior Honors Seminar (2).

A course designed for honors seniors to discuss their research activities, to discuss topics of current biomedical interest, and to interact with faculty and outside biomedical scientists. (Two hours per week)

BIOL 4930. Scientific Writing (3).

A course designed to improve student communication, both written and oral. A variety of topics are covered involving the student in writing and speaking. Among these topics are writing laboratory reports, writing essays and term papers, writing summaries and critiques, writing research proposals, writing letters of application, preparing a paper presentation, and revision. Students are taught the principles of good scientific writing and presentation and are then required to produce laboratory reports, summaries, critiques, a term paper, and a letter of application. They are also tested on the principles of excellent scientific writing. (Three discussion-workshop hours per week)

CHEMISTRY

Shawn C. Sendlinger, Interim Co- Chairperson

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The courses are arranged to address needs of students intending to enter such professions as chemistry, engineering, pharmacy, medicine, forensics, dentistry, biotechnology, nursing, and science teaching, as well as to prepare graduates to serve as chemists and chemical scientists. For those interested in teaching high school science or mathematics, please see the Department Chair for more information about the Burroughs Wellcome Scholarship Program which offers both programmatic and financial incentives for qualifying individuals.

Students preparing for entrance to pharmacy, medical, or dental programs must consult with an advisor to assure completion of minimum requirements for admission to the professional programs of their choice.

Proficiency in College Algebra must be demonstrated by either passage of the Mathematics Placement Exam given upon entrance to the university or by a grade of "C" or better in Mathematics 1100 and 1200, respectively, for enrollment in Chemistry 1100 and 1200. Proficiency in Mathematics 2020 must be demonstrated by a grade of "C" or better for enrollment in Chemistry 4010.

Course Requirements for the Bachelor of Science Degree in Chemistry with ACS Certification:

1. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher is required. The last 30 hours must be completed at NCCU.

2. Complete the General Education Curriculum (GEC) and ENG 1250.
3. Non-departmental major requirements: MATH 2010, 2020. PHYS 1310, 2310 or 2320, 2410 and 2420.
4. Departmental major requirements. Complete the following required courses with a grade of "C" or higher: CHEM 1200, 2020, 3100, 3120, 3200, 3310, 3320, 4010, 4020, 4400 (or 4250), 4500, 4520, 4700, 4800, 4900, and 4920.
5. Elective courses. Complete at least two of the following advanced courses with a grade of "C" or higher: CHEM 4150, 4200, 4300, 4350, 4450, 4510, 4550, or 4600.

Course Requirements for the Bachelor of Science Degree in Chemistry:

1. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher is required. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) and ENG 1250.
3. Non-departmental major requirements: MATH 2010, 2020. PHYS 2110 and 2120; or PHYS 1310, 2310, 2410 and 2420.
4. Departmental major requirements. Complete the following required courses with a grade of "C" or higher: CHEM 1200, 2020, 3100, 3120, 3200, 3310, 3320, 4010, 4020, 4400 (or 4250), 4800, 4900, and 4920.
5. Elective courses. Complete at least 12 semester hours of advanced courses in Chemistry and/or a science agreed upon with the academic advisor.

Course Requirements for the Bachelor of Science Degree in Chemistry, Pre-Medicine, Pre-Dentistry, and Pre-Pharmacy:

6. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher is required. The last 30 hours must be completed at NCCU.
7. Complete the General Education Curriculum (GEC) and ENG 1250.
8. Non-departmental major requirements: BIOL 1101, 2200, 3200, 4200, and 4000 or

4310. MATH 2010, 2020. PHYS 2110 and 2120.
9. Departmental major requirements. Complete the following required courses with a grade of "C" or higher: CHEM 1200, 2020, 3100, 3120, 3200, 3310, 3320, 4010, 4020, 4400 (or 4250), 4800, 4900, and 4920.
 10. Elective courses. Complete at least 12 semester hours of advanced courses in Biology and/or Chemistry agreed upon with the academic advisor.

Course Requirements for the Bachelor of Science Degree in Chemistry, Concentration in Forensic Science:

1. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher is required. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) and ENG 1250.
3. Non-departmental major requirements: BIOL 1101, 2200, 3200. ENG 1250. MATH 2010, 2020, 2500. PHYS 2110 and 2120. CRJU 2350, 2500, 3500, 3600.
4. Departmental major requirements. Complete the following required courses with a grade of "C" or higher: CHEM 1200, 2020, 3100, 3120, 3200, 3310, 3320, 4010, 4250 or 4400, 4500, 4520, 4550, 4600, 4700 (or BIOL 4400), 4800, 4900.

Bachelor of Science in Chemistry, Secondary Education Comprehensive Science Licensure:

This program is being phased out.

Course Requirements for the Bachelor of Science Degree in Chemistry, Concentration in Biopharmaceutical Science:

1. A minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher is required. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC) and ENG 1250.
3. Non-departmental major requirements: BIOL 1101, 2200, 3200, 4920, 4930. BRIT 1110, 1120, 2110, 2120, 3110, 3120. Two Lab Modules from BRIT 4010, 4020, 4030, or 4040. MATH 2010, 2020. PHYS 2110 and 2120.
4. Departmental major requirements. Complete the following required courses with a grade of "C" or higher: CHEM 1200, 2020, 3100, 3120, 3200, 3310, 3320, 4010, 4020, 4250 or 4400, 4500, 4520, 4550, 4900.

Minor in Chemistry:

The minor in chemistry consists of 26 semester hours, including the courses CHEM 1100, 1200, 2020, 3100, 3120, 3200, 3310, and 3320. Two courses at the 3000 or 4000 level may be substituted for CHEM 2020.

Requirements for a Second Baccalaureate Degree:

The Chemistry Department offers the "2nd degree in Chemistry" program of study to those students possessing a prior baccalaureate degree. A minimum of 30 semester hours must be earned in the second degree program. Since cases may be different, prospective candidates should contact the departmental chairperson at (919) 530-6462 for a detailed discussion and evaluation.

Many courses listed in the first two years of these plans are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

BACHELOR OF SCIENCE MAJOR IN CHEMISTRY, FOUR YEAR PLAN, ACS CERTIFIED**Freshman Year**

Fall Semester				Credits	Spring Semester				Credits
*CHEM	1100	Gen. Chem. I		4	+CHEM	1200	Gen. Chem. II		4
*=MATH	2010	Calc & Anal Geom. I		5	*=MATH	2020	Calc & Anal Geom. II		5
*ENG	1110	Composition I		3	*ENG	1210	Composition II		3
*HUSC	1521	Dim of Learning		2	=PHYS	1310	Gen. Phys. For Sci & Eng I		3
*PEDU	1541	Fitness		2	=PHYS	2410	Lab I		1
*HEDU	1531	Health		2					

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+CHEM	3100	Org. Chem. I		3	+CHEM	3120	Org. Chem. II		3
+CHEM	3310	Org. Chem. Lab I		2	+CHEM	3320	Org. Chem. Lab. II		2
+CHEM	2020	Quant. Analysis		4	+CHEM	4400 or 4250	Instrumentation		4 or 5
=PHYS	2310 or 2320	Gen. Phys.		3	*HIST	1320	World Societies		3
=PHYS	2420	Lab I or II		1	*MFL	-	Modern Foreign Language III		3
+CHEM	3200	Inorganic Chemistry		4					

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+CHEM	4010	Phys. Chem. I		4	+CHEM	4020	Phys. Chem. II		4
+CHEM	4900	Applied Math		2	*HUM	2410 or 2420			3
#General Elective				3	&CHEM	-	Advanced Elective		3
*BIOL	1101			4	+CHEM	4800 (WI)	Chem. Res. Literature		3
*ENG	1250	Elem. Of Speech (SI)		3	*SOSC		GEC Requirement		3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
&CHEM		Advanced Electives		3(4)	+CHEM	4920	Undergraduate Seminar		1
+CHEM	4500	Biochemistry I		3	#CHEM	(BIOL)	Electives		6(8)
+CHEM	4520	Biochemistry Lab.		1	&CHEM	-	Advanced Elective		3(4)
+CHEM	4700	Intro. Chem. Res.		1-3	#General Elective				3
*PHIL	2210	Ethics (HUM GEC Req)		3					

* Core Curriculum Courses – 48

+ Required Chemistry Courses for ACS Certified B.S. Degree in Chemistry – 45-48

& Advanced Chemistry Course elective for ACS Certification – 9-11

Chemistry/Biology and/or General Electives 12-14

= Required cognitive course for ACS Certified B.S. degree in Chemistry – 8

Total Credit Hours = 124-128 semester hours

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the university. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

BACHELOR OF SCIENCE MAJOR IN CHEMISTRY, FOUR YEAR PLAN

Freshman Year

Fall Semester				Credits Spring Semester			
*CHEM	1100	Gen. Chem. I	4	+CHEM	1200	Gen. Chem. II	4
*BIOL	1300	Molec. and Cell Function	4	*=MATH	2020	Calc & Anal Geom. II	5
=*MATH	2010	Calc. & Anal. Geom. I	5	&BIOL	2200	Molecular Biology of Cells	4
*HEDU	1531	Wellness	2	*PEDU	1541	Fitness	2
*ENG	1110	English Composition I	3	*ENG	1210	English Composition II	3

Sophomore Year

Fall Semester				Credits Spring Semester			
+CHEM	3100	Org. Chem. I	3	+CHEM	3120	Org. Chem. II	3
+CHEM	3310	Org. Chem. Lab I	2	+CHEM	3320	Org. Chem. Lab. II	2
=PHYS	2110	General Physics I	4	=PHYS	2120	General Physics II	4
&BIOL	3200	Microbiology	4	*MFL	-	Mod Foreign Language III	3
*SOSC	-	GEC Requirement	3	*ENG	1250	Elements of Speech (SI)	3
*HUSC	1521	Dim of Learning	2				

Junior Year

Fall Semester				Credits Spring Semester			
+CHEM	3200	Inorganic Chemistry	4	+CHEM	4400 or 4250	Instrumentation	4 or 5
+CHEM	2020	Quantitative Analysis	4	+CHEM	4800 (WI)	Chem. Res. Literature	3
+CHEM	4500	Biochemistry I	3	*HUM	2410 or 2420	HUM & Fine Arts I	3
+CHEM	4520	Biochemistry Lab.	1	&BIOL	4310	Adv. Anat. & Phys.	4
*HIST	1320	World Societies	3				

Senior Year

Fall Semester				Credits Spring Semester			
+CHEM	4010	Phys. Chem. I	4	+CHEM	4020	Phys. Chem. II	4
&CHEM	-	Advanced Elective	3-4	&BIOL	4000	Cell Physiology	4
*PHIL	2210	(HUM GEC Requirement)	3	&BIOL	3100	Genetics or BIOL 4200 Biostats.	3
+CHEM	4900	Applied Math.	2	+CHEM	4920	Undergraduate Seminar	1
				#CHEM	(BIOL)	Electives	3-4

* Core Curriculum Courses – 48

+ Required Chemistry Courses for B.S. degree in Chemistry – 44-45

& Advanced Biology Courses or Advanced Chemistry Elective for B.S. degree in Chemistry – 20-21

Chemistry/Biology and/or General Electives 3-4

= Required cognitive course for B.S. degree in Chemistry – 8

Total Credit Hours = 125-127 semester hours

**BACHELOR OF SCIENCE MAJOR IN CHEMISTRY FOUR-YEAR PLAN –
Pre-Medicine, Pre-Dentistry, and Pre-Pharmacy**

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
*CHEM	1100	Gen. Chem. I		4	+CHEM	1200	Gen. Chem. II		4
=*MATH	2010	Calc & Anal Geom. I		5	=*MAT	2020	Calc & Anal Geom. II		5
					H				
*ENG	1110	Composition I		3	*ENG	1210	Composition II		3
*BIOL	1101	General Biology I		4	&BIOL	2200	Molecular Biology of Cells		4

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
+CHEM	3100	Org. Chem. I		3	+CHEM	3120	Org. Chem. II		3
+CHEM	3310	Org. Chem. Lab I		2	+CHEM	3320	Org. Chem. Lab. II		2
*SOSC	-	GEC Requirement		3	*ENG	1250	Elements of Speech (SI)		3
=PHYS	2110	Gen. Phys. I		4	=PHYS	2120	Gen. Phys. II		4
&BIOL	3200	General Microbiology		4	*HUSC	1521			2

Junior Year

Fall Semester				Credits	Spring Semester				Credits
*HIST	1320	World Societies		3	+CHEM	4400 or 4250	Instrumentation		4
+CHEM	4500	Biochemistry I		3	+CHEM	4800 (WI)			3
+CHEM	4520	Biochemistry Lab.		1	*PEDU	1541	Fitness		2
+CHEM	3200	Inorganic Chemistry		4	+MFL	-	Mod Foreign Language III		3
+CHEM	2020	Quantitative Analysis		4	*HEDU	1531	Wellness		2
					+CHEM	4920	Undergraduate Seminar		1

Senior Year

Fall Semester				Credits	Spring Semester				Credits
*CHEM	4010	Phys. Chem. I		4	+CHEM	4020	Phys. Chem. II		4
&CHEM	-	Advanced Electives		6	#CHEM	-	Elective		3(4)
					or BIOL				
PHIL	2210	Ethics (HUM GEC Req)		3	&BIOL	4200	Biostatistics		3
*CHEM	4900	Applied Math.		2	&BIOL	4310	Adv. Anat. & Phys		4
*HUM	2410			3	or BIOL	4000	Cell Phys.		
or*HUM	2420								

*Core Curriculum Courses – 48

+ Required Chemistry Courses for B.S. degree in Chemistry (Pre-Med, Pre-Dent., Pre-Pharm) – 44-45

& Advanced Biology Courses and Advanced Chemistry Electives for B.S. degree in Chemistry
(Pre-Med, Pre-Dent, Pre-Pharm) – 20-21

Chemistry/Biology and/or General Electives 3-4

= Required cognitive course for B.S. degree in Chemistry -8

Total Credit Hours = 124-126 semester hours

BACHELOR OF SCIENCE MAJOR IN CHEMISTRY, FOUR YEAR PLAN – Concentration in Forensic Science**Freshman Year**

Fall Semester				Credits Spring Semester			
*ENG	1110	English Composition I	3	*ENG	1210	English Composition II	3
=MATH	2010	Calc & Analyt Geom I	5	*=MATH	2020	Calculus II	5
*CHEM	1100	General Chemistry I	4	+CHEM	1200	General Chemistry II	4
*BIOL	1101	General Biology I	4	=BIOL	2200	Molec. Biology of Cells	4

Sophomore Year

Fall Semester				Credits Spring Semester			
*ENG	1250	Speech (SI)	3	*HUSC	1521	Dimensions of Learning	2
+CHEM	3100	Organic Chemistry I	3	+CHEM	3120	Organic Chemistry II	3
+CHEM	3310	Organic Chemistry Lab	2	+CHEM	3320	Organic Chemistry II Lab	2
=CRJU	2350	Intro to Law Enforcement	3	*MFL	-	Mod Foreign Language III	3
=BIOL	3200	Microbiology	4	=CRJU	2500	Crim. Inv. & For. Sci. App.	3
						*Social Science (GEC)	3

Junior Year

Fall Semester				Credits Spring Semester			
+CHEM	2020	Quantitative Analysis	4	+CHEM	4400	Instrumental Analysis	4
=PHYS	2110	General Physics I	4	=PHYS	2120	General Physics II	4
+CHEM	3200	Inorganic Chemistry	4	*HEDU	1531 or PEDU 1541		2
+CHEM	4500	Biochemistry I	3	+CHEM	4800	Intro to Chem Lit (WI)	3
+CHEM	4520	Biochemistry Lab I	1	+CHEM	4550	Techniques in Biochemistry	3

Summer III – Required Internship**Senior Year**

Fall Semester				Credits Spring Semester			
+CHEM	4900	Applied Math for Chem	2	+CHEM	4600	Forensic Science	4
+CHEM	4010	Physical Chemistry I	4	=MATH	2500	Statistical Methods	3
*PEDU	1541		2	=CRJU	4510	Cr. Ju. & Court Processes	3
or HEDU	1531						
*HIST	1320	World Societies	3	*Arts and Humanities (GEC Req)			3
=CRJU	3500	Legal, Ethical Aspects of Forensic Science	3	+BIOL	4400	Introduction to Research	3
				or CHEM	4700		
*HUM	2410		3				
	or						
	2420						

* Core Curriculum Courses – 48

+ Required Chemistry Courses for B.S. degree in Chemistry (Forensic Science Concentration) – 49

= Required cognitive courses for B.S. degree in Chemistry (Forensic Science Concentration) – 28

Total Credit Hours = 125 semester hours

**BACHELOR OF SCIENCE MAJOR IN CHEMISTRY FOUR-YEAR PLAN –
Concentration in Biopharmaceutical Science**

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
*ENG	1110	Composition I		3	*ENG	1210	Composition II		3
*MATH	1200	College Algebra/Trig II		3	=MATH	2010	Calc & Analyt Geom I		5
*CHEM	1100	General Chemistry I		4	+CHEM	1200	General Chemistry II		4
*BIOL	1101	General Biology I		4	*MATH	2400	Statistics		3
*HUSC	1521	Dim of Learning		2	*BRIT	1210	FDA Regulations		1
*BRIT	1110	Overview Drug Industry		1					
Summer I – BRIDGE TO BRIGHT CGMP LABORATORY (Optional)									

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
=MATH	2020	Calc. & Anal. Geom. II		5	*MFL	-	Mod Foreign Language III		3
+CHEM	3100	Organic Chemistry I		3	+CHEM	3120	Organic Chemistry II		3
+CHEM	3310	Organic Chem Lab I		2	+CHEM	3320	Organic Chem. Lab II		2
=BIOL	2200	Molec Biol of Cells		4	*PEDU	1541			2
					or HEDU	1531			
*HUM	2410			3	BIOL	3200	Microbiology		4
or HUM	2420								
*BRIT	2110	Quality Assurance		1	*BRIT	2120	Introduction to GMP		1
Summer II – BRIDGE TO BRITE IMMUNOLOGY/VIROLOGY (Optional)									

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+CHEM	2020	Quantitative Analysis		4	+CHEM	4250	Instrumentation		4
=PHYS	2110	General Physics I		4	=PHYS	2120	General Physics II		4
+CHEM	3200	Inorganic Chemistry		4	+CHEM	4520	Biochemistry Lab		1
+CHEM	4550	Techniques		4	+CHEM	4500	Biochemistry I		3
*BRIT	3110	Intellect. Prop. & Patent Laws		1	*BIOL	4930	Scientific Writing (WI)		3
					*BRIT	3120	Team Work Environment		1
Summer III – REQUIRED INTERNSHIP									

Senior Year

Fall Semester				Credits	Spring Semester				Credits
*HEDU	1531			2	*HIST	1320	World Societies		3
or PEDU	1541								
*BIOL	4920	Bioethics		3	=BRITE	II	(Lab Module)		4
=BRITE	I	(Lab module)		4	*BRITE	-	(Speaking Component)		3
+CHEM	4010	Physical Chemistry I		4	+CHEM	4020	Physical Chemistry II		4

*The 6 BRITE Experiences will satisfy 1 Social Science (GEC) requirement.

Bioethics BIOL 4920 will satisfy 1 Arts and Humanities (GEC)

BIOL 4930 Scientific Writing will satisfy the writing intensive (GEC) requirement.

Required cognitive courses for majors in Chemistry are MATH 2010, 00; PHYS 2110, 120

* Core Curriculum Courses – 51

+ Required Chemistry Courses for B.S. degree in Chemistry (Pharmaceutical Sciences Concentration) – 42

= Required cognitive course for B.S. degree in Chemistry – 34

Total Credit Hours = 127 semester hours

Chemistry Course Descriptions for Undergraduates

CHEM 1000. Physical Science Related to Chemistry (3)

Designed to give the student who is not a major or a minor in science an intelligent acquaintance with broad principles of physical science. Emphasis is placed on the role chemistry plays in the everyday life of a citizen. *(Three lectures including demonstrations and interactive exercises per week)*

CHEM 1100. General Chemistry I (4)

Prerequisite: Demonstrated proficiency in College Algebra and Trigonometry I - MATH 1100 with a grade of C or higher. A first course in chemistry designed for science majors. Topics covered include: Atoms, Molecules, and Ions; Calculations with Chemical Formulas and Equations; An Introduction to Chemical Reactions; The Gaseous State; Thermochemistry; Quantum Theory of the Atom; Electron Configurations and Periodicity; Ionic and Covalent Bonding; Molecular Geometry; and Chemical Bonding Theories. *(Three lecture, one recitation, and three laboratory hours per week)*

CHEM 1200. General Chemistry II (4)

Prerequisite: Demonstrated proficiency in College Algebra and Trigonometry II - MATH 1200 and CHEM 1100, with grades C or better. A continuation of CHEM 1100. Topics covered include: Liquids and Solids; Solutions; Rates of Reactions; Chemical Equilibrium; Acids and Bases; Acid-Base Equilibria; Solubility and Complex-Ion Equilibria; Thermodynamics; and Electrochemistry. *(Three lecture, one recitation, and three laboratory hours per week)*

SCI 1220. Science Odyssey (4)

An integration of basic elements of energy, atomic and molecular structure, data acquisition and interpretation, and life as self-structured matter. Themes draw upon knowledge, from biology, chemistry, environmental science, geography, and physics. Critical thinking and analytical skills are developed through experiments and class activities. Reading assignments emphasize the

connections between science, other disciplines, and society. *(This class meets five hours per week with time devoted to lecture and laboratory as needed)*

CHEM 1500. Chemistry and Human Life (3)

Prerequisite: CHEM 1000. A survey of basic facts and principles of organic and biochemistry with emphasis on the importance of these concepts to health care and normal life processes. *(Three lectures including demonstrations and interactive exercises per week)*

CHEM 1990. Cooperative Education Field Experience (3-12)

Selected students (majors and minors) will undertake a carefully organized and supervised program of "experiential learning" by alternating a semester of classroom study with a semester of paid, practical, on-the-job training in a major industrial or governmental laboratory.

CHEM 2020. Quantitative Analysis (4)

Prerequisite: CHEM 1200. A survey of volumetric and gravimetric analytical chemistry techniques addressing various types of equilibria as well as an introduction to instrumental techniques is emphasized. *(Three lectures, one recitation hour, and three laboratory hours per week)*

CHEM 2105 Computational Science & Informatics (3)

This course is designed to familiarize the student with construction and use of computational models to study problems of scientific interest. The necessary mathematical background as well as data acquisition, evaluation, management, and visualization/presentation methods will be covered. The course will also provide an introduction to informatics, including data mining via the Internet, data warehousing, and how to effectively publish and present new data. Students will design and complete their own computational project using these skills. *(Three lecture hours per week)*

CHEM 3100 & 3120. Organic Chemistry I, II (3, 3)
Prerequisite: CHEM 1200 with a grade of C or higher. An in-depth study of the compounds of carbon. *(Three lecture and one recitation hours per week for each course).*

CHEM 3200. Inorganic Chemistry (4)
Prerequisite: CHEM 1200. A systematic study of both the fundamental principles and the descriptive chemistry needed to understand the properties of the main group elements and their compounds. *(Three lecture, one recitation, and three laboratory hours per week)*

CHEM 3310. Organic Chemistry Laboratory I (2)
Pre or co-requisite: CHEM 3100. An introduction to common organic laboratory techniques used in the study of the compounds of carbon. *(Five laboratory hours per week)*

CHEM 3320. Organic Chemistry Laboratory II (2)
Prerequisite: CHEM 3310. Common laboratory techniques are used in the study of carbon compounds and for the preparations of organic compounds. *(Five laboratory hours per week)*

CHEM 4910. Undergraduate Honors Seminar (1)
Intended for honors chemistry majors to discuss their research activities, to discuss topics of current chemistry interest, and to interact with faculty and other professional chemists.

CHEM 4920. Chemistry Undergraduate Seminar (1) This is a required course of all ACS-certified and non-ACS certified chemistry majors. The student will make a formal oral presentation of laboratory research activities. The oral presentation will be supplemented by a written report.

Chemistry Course Descriptions for Advanced Undergraduates and Graduates

CHEM 4010, 4020. Physical Chemistry I, II (4, 4)
Prerequisites: CHEM 2020, MATH 2020 and PHYS 2120 (or 2320), with grades of C or higher; Co-requisite: CHEM 4900. An introduction to fundamental principles of physical chemistry,

covering such topics as gases, chemical thermodynamics, thermochemistry, physical and chemical equilibria, solutions, chemical kinetics, electrochemistry, and theory of quantum mechanics and its application to chemistry. *(Three lecture, one recitation, and three laboratory hours per week for each course)*

CHEM 4100. Characterization of Organic Compounds (5)
Prerequisite: CHEM 3320 and 3120 with grades of C or higher. The classification and identification of organic compounds by the use of solubilities, class reactions, solid derivatives, and IR, UV, and NMR spectroscopic methods of analyses. *(Three lecture and four laboratory hours per week)*

CHEM 4150. Introduction to Medicinal Chemistry (3)
Prerequisites: CHEM 3120 or consent of the instructor. A study of basic concepts, drug design, drug synthesis, drug delivery, drug metabolism, drug toxicity, pharmacological assays, and clinical trials. *(Three lecture hours per week)*

CHEM 4200. Advanced Organic Chemistry (3)
Prerequisite: CHEM 3120 with a grade of C or better. An advanced study of the reactions of organic compounds and the theories of organic chemistry. Spectroscopic methods (IR, UV-Vis, NMR), heterocyclic molecules, and bioorganic chemistry will be emphasized. *(Three lectures hours per week)*

CHEM 4250. Scientific Instrumentation in Biology, Chemistry, and Physics (4 or 5)
Prerequisite: Junior level chemistry major and consent of department chairperson. An interdepartmental course taught by the Departments of Biology, Chemistry, and Physics and designed to give students a general knowledge of the theory and application of instrumental methods and practical experience both in instrument operation and in interpretation of data obtained with instruments. A common component is interdisciplinary covering instrumental methods commonly used in all three scientific areas. An optional component covers

additional instrumental methods more specifically related to each discipline. *(Three lecture and four laboratory hours per week)*

CHEM 4300. Advanced Inorganic Chemistry (3)
Prerequisite: CHEM 3200 or consent of the instructor. A study of bonding theories, structure, stereochemistry, energetics, and reactivity of inorganic and organometallic materials with an emphasis on transition metal compounds. *(Three lecture hours per week)*

CHEM 4350. Computational Chemistry (3)
Prerequisite: CHEM 4010. Co-Requisite: CHEM 4020. This course introduces the background and theory required for the use and understanding of a number of software tools that can assist in solving problems of chemical significance. Systems, dynamics software, as well as a computer algebra system, will be used to solve the differential equations that arise from the study of chemical kinetics. Molecular modeling software will be used to compute a variety of molecular properties using molecular mechanics, semiempirical methods, Hartree-Fock methods, and density functional theory. *(Three lecture hours per week)*

CHEM 4400. Instrumental Analysis (5)
Prerequisite: CHEM 2020. Co-requisite: CHEM 3120, CHEM 3320 or consent of the instructor. Analytical chemical instrumentation with an emphasis on spectroscopic, potentiometric and chromatographic methods. *(Three lecture and four laboratory hours per week)*

CHEM 4450. Environmental Chemistry (3)
Prerequisite: CHEM 3120, 2020; Co-requisite: CHEM 4010 or consent of instructor. The goal of the course is to provide an understanding of how molecular interactions and macroscopic transport phenomena determine the distribution of compounds released into the natural environment in space and time. *(Three lecture hours per week)*

CHEM 4500. Biochemistry I (3)
Prerequisite: CHEM 3120. An introductory, comprehensive study of the physical and chemical properties of the four major classes of biomolecules: Carbohydrates, lipids, proteins, and nucleic acids. The course will include introduction to model analytical methods specific to each class of biomolecule. Also, special topics that are correlative to each of the biomolecule classes will be covered. *(Three lecture hours per week)*

CHEM 4510. Biochemistry II (3)
Prerequisite: CHEM 4500. This course is a continuation of CHEM 4500 and will provide an in-depth analysis of the metabolic pathways of the four major classes of biomolecules: Carbohydrates, lipids, proteins, and nucleic acids. *(Three lecture hours per week)*

CHEM 4520. Biochemistry Laboratory (1)
Prerequisite: CHEM 3320. Pre- or Co-requisite: CHEM 4500 or consent of instructor. Qualitative study of carbohydrates, proteins, fats, and enzymes. *(Three laboratory hours per week)*

CHEM 4550. Techniques in Biochemistry and Molecular Biology (4)
Prerequisites: CHEM 3120 and BIOL 2200. This interdisciplinary course is designed for upper level undergraduates and graduate students who have an interest in understanding theory and application of techniques in biochemistry, advanced microscopy, and molecular biology. This course is a hands-on, research level course, which is taught solely in the laboratory. Students will learn how to develop hypothesis driven protocols, conduct experiments, collect data, analyze data, and predict follow-up steps for a given project. *(Two lecture and three laboratory hours per week)*

CHEM 4600. Forensic Science (4)

Prerequisites: CHEM 4500 and CHEM 4550. This interdisciplinary course is designed for upper level undergraduates and graduate students who have an interest in understanding the theory and application of microscopic, spectroscopic, and molecular biological techniques utilized in the forensic sciences. Students will learn how to collect evidence at a crime scene and how to test it in the laboratory. The techniques, abilities, and limitations of the modern crime laboratory will be covered. Students will also learn how to write reports, interview witnesses, and prepare for trial. *(Three lecture and three laboratory hours per week)*

CHEM 4700. Introduction to Research (1-3)

Prerequisite: Consent of the Department Chair and faculty member under whom the research will be done. This course allows the student to participate in ongoing faculty research projects. Three research hours per week for each semester credit hour is expected. Students will be expected to produce a written paper on their research project each semester. (Students may register for the course for repeated credits in units of 1-3 credit hours with a maximum of nine (9) credit hours counted toward graduation requirements)

CHEM 4710. Selected Topics in Chemistry (1-3)

Prerequisite: Advanced standing or consent of instructor. Other prerequisites and credit will depend on the topic. The selected topic for each offering will provide majors opportunities for detailed exploration of recent and actively developing areas of chemistry. *(Course may be repeated for credit)*

CHEM 4900. Applied Mathematics for Chemists (2)

Prerequisite: MATH 2020 with grade of C or better. Co-requisite: CHEM 4010. The application of calculus and advanced mathematical techniques to physical chemistry. *(Two lecture hours per week).*

Environmental, Earth and Geospatial Sciences

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The Department of Environmental, Earth and Geospatial Sciences (DEEGS) offers Bachelor of Science degrees in Environmental Science and Geography and a Master of Science degree in Earth Sciences. DEEGS provides curricula through which students develop the analytical and methodological skills necessary to understand the earth's environment and man's impact on the environment. The department prepares students for entry-level and mid-career positions as well as graduate education. It provides continuous programs of research training for undergraduate, graduate, and non-traditional students in the academic disciplines covered by the department. Students seeking a degree in Environmental Science complete an interdisciplinary program core, discipline-specific concentration courses, and an internship in a governmental or private sector environmental organization. Students majoring in Geography and Earth Sciences complete a curriculum which includes courses from each of the specialty areas covered by the department, including natural resource conservation, earth systems, and spatial data visualization and analysis. Students seeking a graduate degree in Earth Sciences take coursework specific to the student's concentration area and complete either a project or a research-based thesis.

** The Environmental Science Program and the Department of Geography and Earth Sciences were combined into one department in 2006.*

The Bachelor of Science Degree in Environmental Science

The Environmental Science degree is offered through an interdisciplinary program leading to a Bachelor of Science degree in Environmental Science. There is a central theme that focuses on environmental problems faced by communities of color. Students take a common core of courses in the natural, human and social sciences, culminating in a senior seminar and internship in a governmental or private sector environmental organization. Students also select an area of concentration to ensure that they bring a sound disciplinary perspective and accompanying skills to the understanding and solution of environmental problems. Students choose from the following concentrations: Environmental Biology, Environmental Chemistry, Environmental Geography, Environmental Health Science, Environmental Physics, Environmental Political Science, and Environmental Sociology. The concentration in Environmental Health Science is accredited by the National Environmental Health Science and Protection Accreditation Council (EHAC).

Curriculum Requirements for the Bachelor of Science in Environmental Science – Concentrations in Environmental Biology, Environmental Chemistry, Environmental Geography, Environmental Physics, Environmental Political Science, and Environmental Sociology

- Total credit hours: 124
- Distribution of Credit hours: General Education Curriculum: 40; Environmental Science Core: 43, Environmental Science Concentration: 27, Electives: 14
- Grades required: Students are required to achieve a minimum grade of "C" in all required environmental core and concentration courses in the major.
- Internship Requirement: All students will participate in a 3 credit-hour internship in a public or private sector agency or organization where opportunities are provided for observing and performing a variety of environmental science or environmental health science

functions under the supervision of a professional.

Required Environmental Science Core Courses (semester hours)

BIOL	1300	Molecules & Cell Function ¹	4
BIOL	2600	Environmental Biology	4
	or BIOL 2700	Environmental Problems	4
CHEM	1000	Physical Sci Rel to Chem ²	3
PHYS	1000	Physics Appl Environ Topics ³	3
GEOG	2100	Physical Geography	3
GEOG	3435	Geographic Infor Systems	3
MATH	1200	College Alg & Trig II ⁴	3
MATH	2500	Statistical Methods ⁵	3
HEDU	3100	Environmental Health	3
SOCI	2300	Environ, Econ & Society	3
ENSC	3950	US Environ Policy & Reg	3
ENSC	4420	Environ Sci Seminar	1
ENSC	4510	Environ Sci Internship	3

Note:

1. Natural Science Concentration students must substitute BIOL 1101 (General Biology I, 4 hrs).
2. Natural Science Concentration students must substitute CHEM 1100 (General Chemistry I, 4 hrs).
3. Natural Science Concentration students must substitute PHYS 2300 (General Physics for Science and Pre-Engineering Majors I, 3 hrs) or PHYS 2110 (General Physics I, 4 hrs).
4. Natural Science Concentration students must complete MATH 2010 (Calculus and Analytic Geometry I, 5 hrs).
5. Students may be advised to substitute BIOL 4200 (Introduction to Biostatistics, 3 hrs), GEOG 4110 (Quantitative Techniques in Geography, 3 hrs), or SOCI 3600 (Sociological Statistics, 3 hrs).

Environmental Biology Concentration Courses

CHEM	1200	General Chemistry II	4
CHEM	3100	Organic Chemistry I	3
CHEM	3310	Organic Chemistry I Lab	2
ENSC	4200	Principles of Toxicology	3

15 hrs. from:

BIOL	1610	Human Anat and Phys I	4
BIOL	1620	Human Anat and Phys II	3
BIOL	2100	General Zoology	4
BIOL	2400	General Botany	4
BIOL	3200	General Microbiology	4
BIOL	3400	Ecology	3
ENSC	4450	Environmental Chemistry	3
ENSC	4400	Special Topics in Envir Sci	1-4
ENSC	4800	Introduction to Research	1-3

Environmental Chemistry Concentration Courses

CHEM	1200	General Chemistry II	4
PHYS	2120	General Physics II	4
	or PHYS 2310	Gen Physics for Sci and Pre-Engineering Majors II	3
PHYS	2410	Physics Laboratory I	1
ENSC	4450	Environmental Chemistry	3

16 hrs. from:

CHEM	2020	Quantitative Analysis	5
CHEM	3100	Organic Chemistry I	3
CHEM	3310	Organic Chemistry I Lab	2
CHEM	3120	Organic Chemistry II	3
CHEM	3320	Organic Chemistry II Lab	2
CHEM	4250	Scientific Instrumentation	4
CHEM	4500	Biochemistry	3
CHEM	4520	Biochemistry Laboratory	2
CHEM	3200	Inorganic Chemistry	4
CHEM	4300	Adv Inorganic Chemistry	3
ENSC	4400	Special Topics in Envir Sci	1-4
ENSC	4800	Introduction to Research	1-3

Environmental Geography Concentration Courses

GEOG	2120	Geology	3
GEOG	2350	Earth Science	3
GEOG	3430	Princ of Remote Sensing	3
GEOG	4220	Cons of Natural Resources	3
	or GEOG 4230	Min, Energy, and Envir	3
GEOG	4920	Theory and Methodology	3

12 hrs from:

GEOG	2010	On-Line Weather	3
GEOG	2220	Economic Geography	3
GEOG	3310	Climatology	3
GEOG	3510	Urban Public Transp	3
GEOG	4010	Applied Geog Infor Systems	3
GEOG	4500	Social Geography	3
GEOG	4600	Urban Geography	3

GEOG	4980	Independent Study	3
ENSC	4400	Special Topics in Envir Sci	1-4
ENSC	4700	Independent Study	1-3

Environmental Physics Concentration Courses

PHYS	2310	Gen Physics for Sci and Pre-Engineering Majors II	3
PHYS	2410	Physics Laboratory I	1
PHYS	2320	Gen Physics for Sci and Pre-Engineering Majors III	3
PHYS	2420	Physics Laboratory II	1
PHYS	3290	Environmental Physics	3

16 hrs from:

PHYS	3060	Electricity and Magnetism	3
PHYS	3100	Principles of Electronics	3
PHYS	3310	Modern Physics	4
PHYS	3410	Computational Physics I	3
PHYS	3510	Nanotechnology	3
PHYS	4250	Science Instrumentation	5
PHYS	4410	Computational Physics II	3
PHYS	4520	Applied Spectroscopy	3
CHEM	4450	Environmental Chemistry	4
ENSC	4400	Special Topics in Envir Sci	1-4
ENSC	4700	Independent Study	1-3
ENSC	4800	Introduction to Research	1-3

Environmental Political Science Concentration Courses

POLS	2100	Introd to American Gov	3
POLS	2115	Introd to Internat Politics	3
POLS	2120	State Gov in the US	3
POLS	3000	Scope, Methods, Writing	3
POLS	3995	Environmental Politics	3

12 hrs from:

POLS	2110	Comparative Politics	3
POLS	3310	The Amer Const Syst	3
POLS	3320	Amer Pol Parties Press Grps	3
POLS	3210	Public Opinion and Prop	3
POLS	3410	Municipal Government	3
POLS	3560	Media Politics	3
POLS	3600	American Foreign Policy	3
POLS	3700	U.S. Congress	3
POLS	3710	The Amer Presidency	3
POLS	3810	Indep Study in Pol Sci	3
ENSC	4400	Special Topics in Enviro Sci	1-4

ENSC	4700	Independent Study	1-3
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Environmental Sociology Concentration Courses

SOCI	2100	Principles of Sociology	3
SOCI	2400	Social Psychology	3
SOCI	3200	Devel of Sociol Theory	3
SOCI	3700	Sociological Research	3

15 hrs. from:

SOCI	3210	Social Diff and Inequality	3
SOCI	3310	Formal Organization	3
SOCI	4210	Demography	3
SOCI	4250	Society and Law	3
SOCI	4320	Sociology of Urban Life	3
SOCI	4500	The Sociology of Education	3
SOCI	4520	Medical Sociology	3
SOCI	4900	Independent Study	3
ENSC	4400	Special Topics in Envir Sci	1-4
ENSC	4700	Independent Study	1-3

Curriculum Requirements for the Bachelor of Science Degree in Environmental Science with a Concentration in Environmental Health Science

- Total credit hours: 124
- Distribution of Credit Hours: General Education Curriculum: 46; Environmental Science Core: 42, Environmental Health Science Concentration: 32, General Electives: 4.
- Grades required: Students are required to achieve a minimum grade of "C" in all required environmental science core and concentration courses in the major. Internship Requirement: All students will participate in a 3 credit-hour internship in a public or private sector agency or organization where opportunities are provided for observing and performing a variety of environmental science or environmental health science functions under the supervision of a professional.

Core Courses

BIOL	1300	Molecules Cell Function	4
BIOL	2600	Environmental Biology	4
BIOL	3200	Microbiology	4
BIOL	4200	Biostatistics	3
CHEM	1200	General Chemistry II	4
CHEM	3100	Organic Chemistry I	3

CHEM	3310	Organic Chemistry Lab I	2
ENSC	3950	US Environ Policy and Reg	3
GEOG	3435	Geographic Infor Systems	3
MATH	2010	Calculus and Analy Geom I	5
PHYS	2110	General Physics I	4
SOCI	2300	Environ, Econ, & Society	3

Environmental Health Science Concentration

ENSC	3600	Air Quality and Control	3
ENSC	3700	Water Quality and Control	3
ENSC	3900	Envir Sampling and Anal	4
ENSC	4200	Principles of Toxicology	3
ENSC	4300	Princ Indust Hyg Occ Safety	4
ENSC	4420	Environ Sci Seminar	1
ENSC	4500	Risk Assess and Risk Comm	3
ENSC	4510	Envir Sci Internship	3
FOOD	2210	Food Sanitation and Safety	2
HEDU	3100	Environmental Health	3
HEDU	3220	Found Pub Health Epid Prin	3

General University Electives 4

The Bachelor of Science Degree in Geography

The Bachelor of Science Degree in Geography is designed to meet the educational needs of students seeking to develop skills in general and applied geography and other earth sciences while promoting the creation and application of new knowledge. More specifically, it supports the educational needs of students seeking to develop skills in applied geography and/or other earth sciences. The department is committed to meeting the educational needs of students pursuing an education in general geography and/or other earth sciences in preparation of pre-college or community college teaching, graduate work, or as a general background for current or planned occupations. Faculty research and publications in applied and general geography and other earth sciences are encouraged and promoted. Such activities provide continuing programs of research training for undergraduate, graduate, and non-traditional students.

Curriculum Requirements for the Bachelor of Science in Geography

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years - complete the General Education Requirements as listed in this catalog.
3. Complete a minimum of 30 semester hours from the following with a cumulative GPA of 2.0 or higher.

General Geography Concentration:

- a. Complete all of the following: GEOG 2100, 3435, 4110, 4920
- b. Complete 2 of the following: GEOG 1100, 2600, 3120, 3220, 3310, 3400, 4310, 4600, 4840
- c. Elective units from any other Geography courses not used to meet a General Education Curriculum or major requirement.

Earth Science Concentration:

- a. Complete all of the following: GEOG 2100, 2120, 2130, 2140, 2350, 3310, 3435, 4110, 4920
- b. Complete one of the following: GEOG 3420, 3430
- c. Complete one of the following: GEOG 4220, 4230
- d. Elective units from any other Geography courses not used to meet a General Education Curriculum or major requirement.

Geographic Information Science Concentration:

- a. Complete all of the following: GEOG 2100, 2130, 2350, 3435, 3430, 4010, 4020, 4110, 4130, 4920
- b. Elective units from any other Geography courses not used to meet the General Education Curriculum or major requirement.

**Course Requirements for Secondary Education,
Comprehensive Science Licensure, Specialization
in Earth Science (being phased out)**

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years - complete the General Education Requirements as listed in this catalog.
3. Complete the following course of study with a cumulative GPA of 2.0 or higher:

- a. MATH 1200, 2010
- b. CHEM 1100, 1200
- c. PHYS 2030, 2110, 2120
- d. BIOL 1101, 1201
- e. EDU 2600, 3000, 3010, 3030, 3120, 3840, 4010, 4102, 4202
- f. EDU 2800 or 4300
- g. GEOG 2010, 2100, 2120, 2140, 2350, 3310, 3430, 3435, 4920

Four-Year Curriculum Plan in Environmental Science – Environmental Biology Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
# BIOL	1101	General Biology I		4	= BIOL	1201	General Biology II		4
* ENG	1110	English Comp I		3	* ENG	1210	Eng Comp II		3
* MATH	1100	College Alg & Trig I		3	* MATH	1200	College Alg & Trig II		3
* MFL	Level III	Mod Foreign Lang		3	* HIST	1320	World Societies		3
* HUSC	1521	Dim of Learning		2	* HEDU	1531	Health		2
					* PEDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
# MATH	2010	Cal & Anal Geom I		5	% BIOL	2700	Environmental Problems**		4
= BIOL	2200	Molecular Biol of Cells		4	+ BIOL		Conc. Elective**		4
* ENG	1250	Elements of Speech* (SI)		3	* HUM		Arts & Humanities I or II		3
# CHEM	1100	General Chem. I		4	*# GEOG	2100	Physical Geography*		3
					% CHEM	1200	General Chem II		4

Junior Year

Fall Semester				Credits	Spring Semester				Credits
% CHEM	3100	Organic Chem I		3	# PHYS	2110	General Physics		4
% CHEM	3310	Organic Chem I Lab		2	+ BIOL		Conc. Electives		8
* HUM		GEC Requirement		3	* SOSC		GEC Requirement		3
# HEDU	3100	Environmental Health		3	* ENG	2105	Technical Writing (WI)		3
# SOCI	2300	Environ, Encon, & Soc		3					

Senior Year

Fall Semester				Credits	Spring Semester				Credits
% ENSC	4420	Environ. Sci Seminar		1	# ENSC	4510	Environ Sci Internship		3
% BIOL	4200	Biostatistics		3	% ENSC	4200	Principles of Toxicology		4
[or MATH	2500	Statistical Meth		3]	= Gen Electives				5
% ENSC	3950	US Environ Policy & Reg		3					
+ BIOL		Conc. Elective**		4					
% GEOG	3435	Geographic Info Syst		3					

Total Credit Hours = 124-127

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Biology Concentration Core Course

+ Environmental Biology Concentration Elective Course. Students must take at least 15 hours from: BIOL 1610 (4); BIOL 1620 (3); BIOL 2100 (4); BIOL 2400 (4); BIOL 3200 (4); BIOL 3400 (3); ENSC 4400 (1-4); ENSC 4450 (3); ENSC 4800 (1-3)

= General Electives

** Students may substitute BIOL 2600

(SI) = Speaking Intensive (WI) = Writing Intensive

Four-Year Curriculum Plan in Environmental Science - Environmental Chemistry Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
*# CHEM	1100	General Chem I		4	* MATH	1200	College Alg & Trig II		3
* ENG	1110	English Compl		3	* ENG	1210	Eng Comp II		3
* MATH	1100	College Alg & Trig I		3	+CHEM	1200	General Chem II		4
* MFL	Level III	Mod Foreign Language		3	* HIST	1320	World Societies		3
* HUSC	1521	Dimensions of Learning		2	* HEDU	1531	Health		2
					* PeDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
# MATH	2010	Cal & Anal Geom I		5	# BIOL	2700	Environmental Problems**		4
*HUM		GEC Requirement		2	* SOSC		GEC Requirement		3
*ENG	1250	Elements of Speech (SI)		3	* HUM		Arts & Humanities I or II		3
# SOCI	2300	Environ, Econ, & Soc		3	*# GEOG	2100	Physical Geography		3
# BIOL	1300	Molecules and Cell Func		4	+ CHEM		Conc. Elective		3

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+CHEM		Conc. Electives		6	% PHYS	2410	Physics Lab I		1
# PHYS	2300	Gen Physics (PS & P-E)		3	% PHYS	2310	Gen Physics (PS&P-E)		3
[or PHYS	2110	General Physics		4]	[or PHYS	2120	General Physics II		4]
# GEOG	3435	Geographic Info Syst		3	+ CHEM		Conc. Electives		3
# HEDU	3100	Environmental Health		3	= Gen Electives				6
					* ENG	2105	Technical Writing (WI)		3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
% ENSC	4420	Environ Sci Seminar		1	# ENSC	4510	Environ Sci Internship		3
% MATH	2500	Statistical Methods		3	+ CHEM		Conc. Elective		4
% CHEM	4450	Envir. Chemistry		3	= Gen Electives				6
# ENSC	3950	US Environ Policy & Reg		3					
= Gen Electives				5					

Total Credit Hours = 124-126

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Chemistry Concentration Core Course

+ Environmental Chemistry Concentration Elective Course. Students must take at least 15 hours from: CHEM 2020 (5); CHEM 3100 (3); CHEM 3310 (2); CHEM 3120 (3); CHEM 3320 (2); CHEM 3200 (3); CHEM 4250 (4); CHEM 4300 (4); CHEM 4510 (3); CHEM 4520 (1); ENSC 4400 (1-4); ENSC 4800 (1-3)

= General Electives

** Students may substitute BIOL 2600

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four-Year Curriculum Plan in Environmental Science – Environmental Chemistry Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
*# CHEM	1100	General Chem I		4	* MATH	1200	College Alg & Trig II		3
* ENG	1110	English Compl		3	* ENG	1210	Eng Comp II		3
* MATH	1100	College Alg & Trig I		3	+CHEM	1200	General Chem II		4
* MFL	Level III	Mod Foreign Language		3	*HIST	1320	World Societies		3
* HUSC	1521	Dimensions of Learning		2	* HEDU	1531	Health		2
					* PeDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
# MATH	2010	Cal & Anal Geom I		5	# BIOL	2700	Environmental Problems**		4
*HUM		GEC Requirement		2	* SOSC		GEC Requirement		3
*ENG	1250	Elements of Speech (SI)		3	* HUM		Arts & Humanities I or II		3
# SOCI	2300	Environ, Econ, & Soc		3	*# GEOG	2100	Physical Geography		3
# BIOL	1300	Molecules and Cell Func		4	+ CHEM		Conc. Elective		3

Junior Year

Fall Semester				Credits	Spring Semester				Credits
+CHEM		Conc. Electives		6	% PHYS	2410	Physics Lab I		1
# PHYS	2300	Gen Physics (PS & P-E)		3	% PHYS	2310	Gen Physics (PS&P-E)		3
[or PHYS	2110	General Physics		4]	[or PHYS	2120	General Physics II		4]
# GEOG	3435	Geographic Info Syst		3	+ CHEM		Conc. Electives		3
# HEDU	3100	Environmental Health		3	= Gen Electives				6
					* ENG	2105	Technical Writing (WI)		3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
% ENSC	4420	Environ Sci Seminar		1	# ENSC	4510	Environ Sci Internship		3
% MATH	2500	Statistical Methods		3	+ CHEM		Conc. Elective		4
% CHEM	4450	Envir. Chemistry		3	= Gen Electives				6
# ENSC	3950	US Environ Policy & Reg		3					
= Gen Electives				5					

Total Credit Hours = 124-126

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Chemistry Concentration Core Course

+ Environmental Chemistry Concentration Elective Course. Students must take at least 15 hours from: CHEM 2020 (5); CHEM 3100 (3); CHEM 3310 (2); CHEM 3120 (3); CHEM 3320 (2); CHEM 3200 (3); CHEM 4250 (4); CHEM 4300 (4); CHEM 4510 (3); CHEM 4520 (1); ENSC 4400 (1-4); ENSC 4800 (1-3)

= General Electives

** Students may substitute BIOL 2600

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four-Year Curriculum Plan in Environmental Science – Environmental Geography Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
*# CHEM	1000	Physical Sci Rel to Chem		4	*# MATH	1200	College Alg & Trig II		3
* ENG	1110	English Comp I		3	* ENG	1210	Eng Comp II		3
*MATH	1100	College Algebra & Trig I		3	*# BIOL	1300	Molecules & Cell Func		4
* MFL	Level III	Mod Foreign Language		3	*HIST	1320	World Societies		3
* HUSC	151	Dimensions of Learning		2	* HEDU	1531	Health		2
					*PEDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
*HUM		Arts & Humanities I or II		3	# CHEM	1000	Physical Sci Rel Chem		3
* ENG	1250	Elements of Speech (SI)		3	* SOSC		GEC Requirement		3
# GEOG	2100	Physical Geography		3	* HUM		GEC Requirement		3
# BIOL	2600	Environmental Biology**		4	% GEOG	2350	Earth Science		3
# SOCI	2300	Environ, Econ & Soc		3	% GEOG	2120	Geology		3

Junior Year

Fall Semester				Credits	Spring Semester				Credits
% GEOG	3430	Princ. Remote Sensing		3	% GEOG	4220	Cons Nat Resources or		3
					[or GEOG	4230	Min, Energy and Envir		3]
# HEDU	3100	Environmental Health		3	+ GEOG		Con. Elective		3
# GEOG	3435	Geographic Info Syst		3	# Phys	1000	Phys Appl Envir Topics		3
+ GEOG		Conc. Electives		6	* ENG	2105	Technical Writing (WI)		3
					= Gen Elective				3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
# ENSC	4420	Environ Sci Seminar		1	# ENSC	4510	Environ Sci Internship		3
# GEOG	4110	Quant Tech in GEOG		3	+ GEOG		Conc. Elective		3
% GEOG	4920	Theory and Meth		3	= Gen Electives				9
# ENSC	3950	US Environ Policy * Reg		3					
= Gen Electives				6					

Total Credit Hours = 124-127

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Geography Concentration Core Course

+ Environmental Geography Concentration Elective Course. Students must take at least 12 hours from: GEOG 2010 (3); GEOG 2220 (3); GEOG 3310 (3); GEOG 3510 (3); Geog 4010 (3); GEOG 4500 (3); GEOG 4600 (3); GEOG 4980/4990 (3); ENSC 4400 (1-4); ENSC 4700 (1-3).

+ General Electives

** Students may substitute BIOL 2700.

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four Year Curriculum Plan in Environmental Science – Environmental Health Science Concentration – EHAC-Accredited

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
# BIOL	1300	Molecules and Cell Func		4	* CHEM	1100	General Chemistry I		4
* ENG	1110	English Comp I		3	* ENG	1210	Eng Comp II		3
* MATH	1100	College Alg & Trig I		3	* MATH	1200	College Alg & Trig II		3
* MFL	Level III	Mod Foreign Language		3	* HIST	1320	World Societies		3
HUSC	1521	Dimensions of Learning		2	* HEDU	1531	Health		2
					* PeDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
# MATH	2010	Cal & Anal Geom I		5	% HEDU	3100	Environmental Health		3
# BIOL	2600	Environmental Biology		4	# BIOL	3200	Microbiology		4
* ENG	1250	Elements of Speech (SI)		3	* SOSC		GEC Requirement		3
# CHEM	1200	General Chem II		4	# CHEM	3100	Organic Chem I		3
					* ENG	2105	Technical Writing (WI)		3

Junior Year

Fall Semester				Credits	Spring Semester				Credits
% ENSC	3700	Water Quality & Control		3	# PHYS	2110	General Physics		4
# CHEM	3310	Organic Chem I Lab		2	% ENSC	3600	Water Quality & Control		3
% ENSC	3900	Environ Samp & Analysis		4	% ENSC	4200	Principles of Toxicology		3
# SOCI	2300	Environ, Econ, & Soc		3	*# GEOG	2100	Physical Geography		3
*HUM	2410	Arts & Humanities I		3	= Gen Electives				2
or HUM	2420	Arts & Humanities II							

Summer: % ENSC 4510 Environ Sciences Internship

Senior Year

Fall Semester				Credits	Spring Semester				Credits
# BIOL	4200	Biostatistics		3	% ENSC	4420	Environ Sci Seminar		1
#GEOG	3435	Geographic Info. Syst.		3	% ENSC	4500	Risk Assess Risk Comm		3
% ENSC	4300	Princ Indust Hyg Occup Sfty		4	% HEDU	3220	Found Pub Hlth: Epic Princ		3
% FOOD	2210	Food Sanitation and Sfty		2	# ENSC	3950	US Environ Policy & Reg		3
* HUM		GEC Requirement		3	= Gen Electives				2

Total Credit Hours = 124

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Health Science Concentration Course

= General Electives

(SI) = Speaking Intensive; (WI) - Writing Intensive

Four-Year Curriculum Plan in Environmental Science- Environmental Physics Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
*# BIOL	1300	Molecules and Cell Func		4	* MATH	1200	College Alg & Trig II		3
* ENG	1110	English Comp I		3	* ENG	1210	Eng Comp II		3
*MATH	1100	College Alg & Trig I		3	* CHEM	1100	General Chem I		4
* MFL	Level III	Mod Foreign Language		3	*HEDU	1531	Health		2
*HUSC	1521	Dimensions of Learning		2	* PEDU	1541	Fitness		2
					* HIST	1320	World Societies		3

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
# MATH	2010	Cal & Anal Geom I		5	# BIOL	2700	Environmental Problems**		4
# PHYS	2300	Gen Physics (PS & P-E)		3	+ PHYS	2310	Gen Physics II (PS/PE)		3
+ ENG	1250	Elements of Speech (SI)		3	+ PHYS	2410	Physics Laboratory I		1
#GEOG	2100	Physical Geography		3	= MATH	2020	Cal & Anal Geom II		5
*HUM		Arts & Humanities I or II		3	* SOSC		GEC Requirement		3

Junior Year

Fall Semester				Credits	Spring Semester				Credits
% PHYS	2320	Gen Physics III (PS/PE)		3	% PHYS	3290	Environmental Physics		3
% PHYS	2420	Physics Laboratory II		1	+ PHYS		Conc. Elective		6
# HEDU	3100	Environmental Health		3	* ENG	2105	Technical Writing (WI)		3
#GEOG	3435	Geographic Info Syst		3	* HUM		GEC Requirement		3
# SOCI	2300	Environ, Econ & Soc		3	= Gen Electives				3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
# ENSC	4420	Environ Sci Seminar		1	# ENSC	4510	Environ Sci Internship		3
+ PHYS		Conc. Electives		6	+ PHYS		Conc. Elective		3
# ENSC	3950	US Envir Policy & Reg		3	= Gen Electives				6
= Gen Electives				6					

Total Credit Hours – 24

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Physics Concentration Core Course

+ Environmental Physics Concentration Elective Course. Students must take a least 16 hours from: PHYS 3060 (3); PHYS 3100 (3); PHYS 3310 (4); PHYS 3410 (3); Phys 3510 (3); PHYS 4410 (3); PHYS 4250 (5); PHYS 4520 (3); ENSC 4400 (1-4); ENSC 4450; ENSC 4700 (1-3); ENSC 4800 (1-3).

= General Electives

** Students may substitute BIOL 2600

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four-Year Curriculum Plan in Environmental Science – Environmental Political Science Concentration

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
* CHEM	1000	Physical Sci Rel to Chem		4	# MATH	1200	College Alg & Trig II		3
* ENG	1110	English Comp I		3	* ENG	1210	Eng Comp II		3
* MATH	1100	College Algebra & Trig I		3	* HIST	1320	World Societies		3
* MFL	Level III	Mod Foreign Language		3	* HEDU	1531	Health		2
* HUSC	1521	Dimensions of Learning		2	*# BIOL	1300	Molecules and Cell Func		4
					*PEDU	1541	Fitness		2

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
*HUM		Arts & Humanities I or II		3	* SOSC		GEC Requirement		3
+ ENG	1250	Elements of Speech (SI)		3	# CHEM	1500	Chem & Human Life		3
# BIOL	2600	Environmental Biology**		4	% POLS	2100	Intro Amer Gov		3
* SOCI	2300	Environ, Econ, & Soc		3	* ENG	2105	Technical Writing (WI)		3
*GEOG	2100	Physical Geography		3	* HUM		GEC Requirement		3

Junior Year

Fall Semester				Credits	Spring Semester				Credits
% POLS	2120	State Gov in US		3	% POLS	2115	Introd Internat Politics		3
# HEDU	3100	Environmental Health		3	% POLS	3000	Scope, Methods, & Writing		3
# GEOG	3435	Geographic Info Syst		3	# PHYS	1000	Physics Appl. Envir Topic		3
+ POLS		Con. Electives		6	% POLS	3995	Environmental Politics		3
							General Elective		4

Senior Year

Fall Semester				Credits	Spring Semester				Credits
# ENSC	4420	Eniron Sci Seminar		1	# ENSC	4510	Environ Sci Internship		3
# ENSC	3950	US Environ Policy & Reg		3	= Gen Electives				9
+ POLS		Conc. Elective		3	+ POLS		Conc. Electives		3
= Gen Electives				5					
# ENSC	3600	Sociological Statistics		3					

Total Credit Hours = 124

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Political Science Concentration Core Course

+ Environmental Political Science Concentration Elective Course. Students must take at least 12 hours from:
 POLS 2110 (3); POLS 3210 (3); POLS 3310 (3); POLS 3320 (3); POLS 3410 (3); POLS 3700 (3); POLS 3710 (3);
 POLS 3810 (3); ENSC 4400 (1-4); ENSC 4700 (1-3)

= General Electives

** Students may substitute BIOL 2700

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four-Year Curriculum Plan in Environmental Science - Environmental Sociology Concentration

FRESHMAN YEAR

Fall Semester				Credits	Spring Semester				Credits
#	CHEM	1000	Physical Sci Rel to Chem	4	#*	MATH	1200	College Alg & Trig II	3
*	ENG	1110	English Comp I	3	*	ENG	1210	Eng Comp II	3
*	MATH	1100	College Algebra & Trig I	3	*	HIST	1320	World Societies	3
*	MFL	Level III*		3	*	HEDU	1531	Health	2
*	HUSC	1521	Dimensions of Learning	2	*#	BIOL	1300	Molecules and Cell Func	4
					*	PEDU	1541	Fitness	2

SOPHOMORE YEAR

Fall Semester				Credits	Spring Semester				Credits
*	HUM	GEC	Requirement	3	*	SOSC		GEC Requirement	3
*	ENG	1250	Elements of Speech*(SI)	3	%	CHEM	1500	Chem & Human Life	3
#	BIOL	2600	Environmental Biology**	4	*	HUM		Arts & Humanities I or II	3
#	GEOG	2100	Physical Geography	4	*	ENG	2105	Technical Writing (WI)	3
%	SOCI	2100	Principles of Sociology	3	%	SOCI	2400	Social Psychology	3

JUNIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
#	HEDU	3100	Environmental Health	3	%	SOCI	3200	Dev Social Theory	3
#	SOCI	2300	Environ, Econ, & Soc	3	+	SOCI		Conc. Electives	6
#	SOCI		Conc. Electives	6	#	PHYS	1000	Phys Appl Envir Topics	3
#	GEOG	3435	Geographic Info. Syst	3	=	Gen Elective			3

SENIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
#	ENSC	4420	Environ Sci Seminar	1	#	ENSC	4510	Environ Sci Internship	3
#	ENSC	3950	US Environ Policy & Reg	3	%	SOCI	3700	Sociological Research	3
+	SOCI		Conc. Elective	3	=	Gen Electives			9
=	Gen Electives			5					
#	SOCI	3600	Sociological Statistics	3					

TOTAL CREDIT HOURS = 124

* General Education Curriculum Course

Environmental Science Core Course

% Environmental Sociology Concentration Core Course

+ Environmental Sociology Concentration Elective Course. Students must take at least 15 hours from the following: SOCI 3210 (3); SOCI 3310 (3); SOCI 4210 (3); SOCI 4250 (3); SOCI 4500 (3); SOCI 4520 (3); SOCI (3); ENSC 4400 (1-4); SOCI 4900 - (1-3).

= General Electives

** Students may substitute BIOL 2700.

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four- Year Curriculum Plan in Geography - Concentration in General Geography

FRESHMAN YEAR

Fall Semester				Credits	Spring Semester				Credits
*	ENG	1110	English Composition I	3	*	ENG	1210	English Comp II	3
*	MATH	1100	College Algebra and Trig I	3	*	MATH	1200	College Alg & Trig II	3
=	GEOG	1000	Intro to Geography	3	*	HIST	1200	World Societies	3
*	HUSC	1521	Dimensions of Learning	3	+	GEOG	1100	World Regional Geog	3
*	HEDU	1531	Health	2	*	MFL	Level III		3
*	PEDU	1541	Fitness	2					

SOPHOMORE YEAR

Fall Semester				Credits	Spring Semester				Credits
*	PHYS	1000	Physics App. Envir Topic	3	=	BIOL	2105	Computational Science	3
*	HUM	2410	Arts & Humanities I	3	*	ENG	1250	Elements of Speech (SI)	3
%	GEOG	2100	Physical Geography	3	=	POLS	2100	Intro to Amer. Gov.	3
*	SOCI	2300	Environ, Econ & Soc	3	*	HUM		GEC Requirement	3
*	ENG	2105	Intro to Technical Writing (WI)	3	+	GEOG		Geography Elective	3

JUNIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
=	MATH	2010	Cal & Analytic Geom I	5	=	COMP	1070	Intro to Computing	3
+	GEOG	3430	Remote Sensing	3	*	GEC		Social Science Elective	3
+	GEOG	3510	Urban Public Trans	3	+	GEOG	4010	Applied GIS	3
%	GEOG	3435	Geographic Info Systems	3	+	GEOG	4020	Computer Cartography	3
=			General Elective	3	=			General Elective	3

SENIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
=	PADM	2400	Intro to Public Admin	3	%	GEOG	4920	Theory & Methods	3
=	SOCI	3200	Dev of Soci Theory	3	=	PADM	3130	Computer App Pub Admin	3
+	GEOG	4500	Social Geog	3	=			General Electives	7
%	GEOG	4110	Quantitative Techniques	3	+	GEOG	4990	Independent Study	3
=			General Electives	3					

TOTAL CREDIT HOURS = 124

- * General Education Curriculum Course
- % General Geography Concentration Required Course
- + General Geography Concentration Elective Course
- = General Electives

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four-Year Curriculum Plan in Geography - Concentration in Geographic Information Science (GIS)

FRESHMAN YEAR

Fall Semester				Credits	Spring Semester				Credits
*	ENG	1110	English Composition I	3	*	ENG	1210	English Composition II	3
*	MATH	1100	College Algebra and Trig I	3	*	MATH	1200	College Alg & Trig II	3
=	GEOG	1000	Intro to Geography	3	*	PHYS	1000	Physics App. Envir Topic	3
*	HUSC	1521	Dimensions of Learning	2	=	GEOG	1100	World Regional Geog	3
*	HEDU	1531	Health	2	*	MFL	Level III		3
*	PEDU	1541	Fitness	2					

SOPHOMORE YEAR

Fall Semester				Credits	Spring Semester				Credits
*	SOCI	2300	Environ, Econ & Soc	3	=	ARTV	2150	Computer Graphics	3
*	HUM	2410	Arts & Humanities I	3	*	ENG	1250	Elements of Speech (SI)	3
%	GEOG	2100	Physical Geography	3	%	GEOG	2350	Earth Science	3
=	COMP	1070	Intro to Computing	3	*	HIST	1320	World Societies	3
=	MATH	2010	Cal & Analytic Geom I	5	=	MATH	2020	Cal & Analytic Geom II	5

JUNIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
%	GEOG	2130	Adv Physical Geog	3	*	BIOL	2105	Computational Science	3
%	GEOG	3430	Remote Sensing	3	%	GEOG	4010	Applied GIS	3
%	GEOG	3435	Geographic Infor Sys	3	=			General Electives	6
*	HUM		GEC Requirement	3	*	ENG	2105	Intro Tech Writing (WI)	3
=			Science Elective	3					

SENIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
%	GEOG	4110	Quantitative Techniques	3	%	GEOG	4920	Theory & Methods	3
=	ARTF	2310	Basic Design	3	%	GEOG	4020	Computer Cartography	3
=	GEOG	4980	Independent Study	3	%	GEOG		Geospatial Statistics	3
=			General Electives	6	=			General Electives	6

TOTAL CREDIT HOURS = 124

* General Education Curriculum Course

% Geographic Information Science (GIS) Concentration Required Course

= General Electives

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four-Year Curriculum Plan in Geography - Concentration in Earth Science

FRESHMAN YEAR

Fall Semester				Credits	Spring Semester				Credits
*	ENG	1110	English Composition I	3	*	ENG	1210	English Comp II	3
*	MATH	1100	College Algebra and Trig I	3	*	MATH	1200	College Alg & Trig II	3
=	GEOG	1000	Intro to Geography	3	*	HIST	1320	World Societies	3
*	HUSC	1521	Dimensions of Learning	3	=	GEOG	1100	World Regional Geog	3
*	HEDU	1531	Health	2	*		MFL	Level III	3
*	PEDU	1541	Fitness	2					

SOPHOMORE YEAR

Fall Semester				Credits	Spring Semester				Credits
*	PHYS	1000	Physics App. Envir Topic	3	=	BIOL	2105	Computational Science	3
*	ENG	1250	Elements of Speech (SI)	3	*	HUM	2410	Arts & Humanities I	3
%	GEOG	2100	Physical Geography	3	%	GEOG	2130	Adv. Physical Geog	3
*	SOCI	2300	Environ, Econ & Soc	3	%	GEOG	2350	Earth Science	3
=	MATH	2010	Cal & Analytic Geom I	5	=	MATH	2020	Cal & Analytic Geom II	5

JUNIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
=	PHYS	2110	General Physics I	4	=	CHEM	1200	General Chemistry II	4
=	CHEM	1100	General Chemistry I	4	%	GEOG	3310	Climatology	3
+	GEOG	2010	On-Line Weather	3	%	GEOG	2140	Oceanography	3
%	GEOG	3430	Remote Sensing	3	=	PHYS	2120	General Physics	4

SENIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
%	GEOG	4110	Quantitative Techniques	3	%	GEOG	4920	Theory & Methods	3
%	GEOG	3435	Geographic Info Sys	3	+	GEOG	4010	Applied GIS	3
*	ENG	2105	Intro to Tech Writing (WI)	3	%	GEOG	4220	Cons Nat Resources	3
=			General Electives	4	or	GEOG	4230	Min, Energy and Envir	3
+	GEOG	2120	Geology	3	+	GEOG	4030	Geohazards Analy GIS	3

TOTAL CREDIT HOURS = 124

* General Education Curriculum Course

% Earth Science Concentration Required Course

+ Earth Science Concentration Elective Course

= General Electives

(SI) = Speaking Intensive; (WI) = Writing Intensive

Four-Year Curriculum Plan in Secondary Education - Comprehensive Science Licensure, Earth Science Specialization

FRESHMAN YEAR

Fall Semester				Credits	Spring Semester				Credits
#	GEOG	2100	Physical Geog	3	#	GEOG	2350	Earth Science	3
*	MATH	1100	Alg. & Trig I	3	#	MATH	1200	Alg. & Trig II	3
*	ENG	1110	Eng. Comp I	3	*	ENG	1210	Eng. Comp. II	3
*	HUM	2410	Arts & Humanities I	3	*	HUM		GEC Requirement	3
*	HUSC	1521	Dimensions of Learning	2	*	PEDU	1541	Fitness	2
*	HEDU	1531	Health	2	*	MFL Level III			3

SOPHOMORE YEAR

Fall Semester				Credits	Spring Semester				Credits
#	GEOG	2120	Geology	3	#	GEOG	2010	Online Weather	3
#	Math	2010	Calculus	5	#	PHYS	2030	Astronomy	3
#	BIOL	1101	General Biology I	4	#	BIOL	1201	Gen Biology II	4
#	EDU	2600	Orientation to Teaching	2	#	EDU	3010	Human Growth & Dev.	3
*	ENG	1250	Speech	3	#	EDU	3000	Ed Psychology	3

JUNIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
*	HIST	1320	World Societies	3	#	GEOG	4920	Theory and Methods	3
#	CHEM	1100	General Chemistry I	4	#	CHEM	1200	General Chemistry II	4
#	GEOG	3435	Geo Info Systems	3	*	SOSC		GEC Requirement	3
#	PHYS	2110	Gen Physics I	4	#	PHYS	2120	Gen Physics II	4
#	GEOG	3430	Remote Sensing	3	#	GEOG	2140	Oceanography	3

SENIOR YEAR

Fall Semester				Credits	Spring Semester				Credits
#	EDU	4010	Reading in Content Area	3	#%	EDU	4102	Meth./Mat Comp Sci	3
#	EDU	3120	Inclusive Teaching	3	#%	EDU	4202	Directed Teaching	6
#	EDU	3030	Cult, Pedag, Change	3	#	EDU	2800/ 4300	Classroom Tech	3
#%	EDU	3840	Instruc Plan/Prog Sci	3	#	GEOG	3310	Climatology	3

Total Semester Hours = 126-128/Minimum GPA = 2.5 in Major and 2.5 Overall

* General Education Curriculum Course

Comprehensive Science Licensure Course

% Require formal admission to the Teacher Education Program (TEP). Admission requirements: 2.5 GPA, passing scores on PRAXIS I (Reading, Writing, and Mathematics), completion of GEC courses, and C's or better in ENG 1110, 1210, and 1250. Candidates must be admitted to the TEP by August to student teach in spring semester and January to student teach in the fall semester.

Course Descriptions - Geography

GEOG 1000. Introduction to Geography (3)

An introduction to the study of geography as spatial analysis. It includes an examination of geographic themes and concepts, characteristics of selected countries and the relationships of natural environments, cultural backgrounds, economic conditions, and world problems.

GEOG 1100. World Regional Geography (3)

A general survey of the cultural, physical, economic, and political developments in various regions of the world. An analytical study of the resource bases of the nations and the utilization of the resources of people in all parts of the world will be a primary concern.

GEOG 1320. Map Reading and Interpretation (3)

An introductory level course that emphasizes a basic understanding of maps and how they are used as a means of communication. Students complete a series of exercises focusing on the reading, analysis, and interpretation of various types of maps. No background in college geography and/or artistic experience is required.

GEOG 2000. Cultural Geography of Afro-America (3)

An investigation of the spatial characteristics of African-American culture in the Americas. It reveals through individual research, reports, projects and discussions the role played by African Americans in the transformation of the physical and cultural earth.

GEOG 2020. Introduction to Geographic Information Systems (3)

An introductory course targeting non-geography majors who would like to understand how GIS can be applied to their field of study without being required to master all the intricacies of the geospatial analysis. The intent is to provide a foundation in the geospatial techniques and tools increasingly employed in multidisciplinary work environments.

GEOG 2100. Physical Geography (3)

An introductory level course focused on Earth's dynamic systems that control the physical environment and thus influence plant, animal and human life. This course offers systems approach to understanding global environment with special emphasis on global climate. During laboratory hours students study interaction between Earth's spheres (atmosphere, hydrosphere, lithosphere and biosphere) by analyzing data. (Two lecture and two laboratory hours per week)

GEOG 2120. Geology (3)

An introduction of salient topics and principles of geology with the emphasis on plate tectonics, Earth's materials and rock cycle and interior of the Earth. Geologic history of North Carolina and its rocks and minerals are also studied. During the laboratory hours students work with topographic and geologic maps, mineral and rock samples, and seismic and volcano-monitoring records. (Two lecture and two laboratory hours per week).

GEOG 2130. Advanced Physical Geography (3)

Prerequisite: GEOG 2100. An analysis of the interior and exterior forces of the earth with major emphasis on weathering agents and mass wasting. Advanced research in geomorphology is presented along with field research experiences. The use and operation of laboratory and field instruments are of major importance. (Two lecture and two laboratory hours per week)

GEOG 2140. Oceanography (3)

An introduction to the physical and social variation caused by the oceans and their impact on man's future needs and demands.

GEOG 2220. Economic Geography (3)

A study of the global economy through spatial analysis. The geographical distribution and production of raw materials are examined. Attention is given to the impact of economic activities on the environment.

GEOG 2350. Earth Science (3)

This course is an introductory survey of earth sciences with the emphasis on the basic topics and

principles of geology, oceanography, hydrology and astronomy. Attention is given to the discussion of natural hazards such as landslides, floods and earthquakes. During laboratory hours students conduct in depth investigation of sustainability of water resources on global and regional scales. (Two lecture and two laboratory hours per week).

GEOG 2600. Geography of North Carolina (3)
A study of the human and physical geography of North Carolina. Particular emphasis is placed on physiographic regions in terms of resources and natural environment.

GEOG 2991, 2992, 2993, 2994. Cooperative Education (3, 6, 9, 12)
(Open to sophomores only)
A program of vocation education for students who, through written cooperative arrangements between NCCU and one or more employers, receive instruction (including required academic instruction) by alternation of study and school with a job in an approved occupational field (but only if these two experiences are planned by the University and employer so that each contributes to the student's education and employability). This course, an elective, may be taken up to four times for credit each time.

GEOG 3110. Political Geography (3)
An analysis of the organization and distribution of political phenomena in their areal expression. Emphasis is placed on the concept of geopolitics as it relates to power, strategy, and international relationships among the sovereign countries. Some consideration is given to the distribution of local and state political systems of North Carolina.

GEOG 3120. Geography of North America (3)
A survey of the major geographic regions of North America; an analysis of the economic activities in their relations to the natural environment; and a study of the interactions of selected variables over space.

GEOG 3220. Geography of South America (3)
An analysis of the natural setting, the distribution of the people, the important occupations, and the problems of future development in each of the several regions of Hispanic America.

GEOG 3310. Climatology (3)
An analysis of weather and climatic elements with a strong emphasis on energy budget systems and climate regimes of the world. Consideration is given to understanding the variation of climates from region to region and the reciprocal relationship between climates and other primary elements of the natural environment. Particular emphasis is placed on instrumentation and interpretation of weather maps during the laboratory sessions. (Two lecture and two laboratory hours per week)

GEOG 3320. Cartography (4)
An introductory course on the nature and use of maps, the construction of map projections and their uses, and the preparation and use of maps for various types of analysis. (Two lecture and four laboratory hours per week)

GEOG 3400. Geography of the West Indies and Environs (3)
A study of the cultural geography of the West Indies. However, Mexico, Central America, the Bahamas, the islands adjacent to Mexico and Central America, and the Dutch islands of Aruba, and Curacao are also given considerable attention.

GEOG 3420. Aerial Photo Interpretation (3).
An examination of the numerous skills necessary to interpret aerial photos as related to the field of geography. It covers the art and science of recognizing natural and cultural features, subtle as well as obvious, on the earth's surface.

GEOG 3430. Principles of Remote Sensing (3)
An analysis of remotely sensed environmental data. The principal topics will include data collection, instrumentation, processing, and analysis of digitized information obtained from Landsat and varied platform mounted sensors. Applications in remote sensing will include crop

inventory, forest cover mapping, water resources, geology, and other land resource topics.
(Departmental permission required)

GEOG 3435. Geographic Information Systems (3)
A survey of the use of geographic information systems (GIS) to analyze spatially-oriented data. Geographic information systems provide a means to integrate selected layers of spatial data into a composite for visual display or analytic modeling.

GEOG 3500. Population Geography (3)
An analysis of the spatial patterns of population size, density, distribution, and composition. It also examines the causes and consequences that the population explosion has had upon the total cultural landscape for selected developed and underdeveloped countries.

GEOG 3510. Urban Public Transportation Systems (3)
Analysis of transportation networks in populated regions is presented in a clear and technical manner. Principles reviewed in this class are used by the local, regional and national transportation agencies. Students develop marketable skills directly transferable to the workforce.

GEOG 3991, 3992, 3993, 3994 Cooperative Education (3, 6, 9, 12) Open to juniors only
See course description for GEOG 2991.

GEOG 4010 Applied Geographic Information Systems (3)
Prerequisite: GEOG 3435. This is an advanced class where working knowledge of GIS and GIS software is required. Advance GIS concepts (such as data storage, analyses, and model building) will be covered. Students are required to be familiar with basic concepts (map scale, projections, shapefiles, spatial operations, and vector and raster data). As this is an applied course, the focal point of this class is a term project.

GEOG 4020. Computer Cartography (3)
Prerequisite: GEOG 3320. A review of the use of computer hardware and software in cartography. Special attention is focused on the digitizing,

plotting, and pattern generation of selected data bases which are utilized in the spatial analysis of geographic problems.

GEOG 4030. Geohazards Analysis with GIS (3)
Prerequisite: GEOG 2020 or GEOG 3435, and GEOG 2100 or GEOG 2120 or GEOG 2350. Study of earth systems concepts and processes, causes of natural disasters and basics of risk assessment. Laboratory sessions will permit students to analyze real data using GIS applications to evaluate risk, make assessments and recommendations and test their newly acquired knowledge. It is designed to benefit earth science upperclassmen and graduate students as well as other majors that are interested in geohazards.

GEOG 4110. Quantitative Techniques in Geography (3)
An introduction to the research process in solving problems in geography through statistical methods. Emphasis is placed on basic techniques used in collecting, analyzing, and presenting research data in the field of geography. Students will be exposed to research tools used in the behavioral and natural sciences.

GEOG 4120. Advanced Cartography (3)
Prerequisite: GEOG 3320. Focuses on the problems of map making, production, and reproduction of non-topographic maps. Development of new methods of map making, such as the use of computer mapping is also a major course objective. Another objective is the representation of cultural features at different scales and for different purposes. (Two lecture and two laboratory hours per week)

GEOG 4130. Geospatial Statistics (3)
Prerequisite: GEOG 2020, GEOG 3435 or equivalent. Geospatial statistics provides methods and techniques that permit investigators to create models of spatial phenomena by creating surfaces that can be visualized and analyzed to aid in the interpretation of cultural and environmental interaction. Exploratory spatial data analysis, structural analysis of surface properties of nearby

locations, surface prediction and assessment of modeling results will be covered in this course.

GEOG 4220. Conservation of Natural Resources (3)
A study of the conservation of soil, water, wildlife, forest, mineral and energy resources in the United States and North Carolina. Emphasis is placed on practices employed to assess and conserve natural resources. Attention is given to human impacts on the environment associated with the use of natural resources. The approach is through the interaction between people, power, production, and pollution in places.

GEOG 4230. Minerals, Energy and Environment (3)
Prerequisite: Sophomore standing or higher. A study of the accessibility of mineral and energy resources to population centers. The impacts of extracting and using mineral and energy resources on natural environments are examined. Conservation methods and planning strategies are analyzed. Particular attention is given to non-traditional energy sources as a means of pollution abatement.

GEOG 4310. Geography of Africa (3)
A survey of geographical facts and common myths associated with African history and development. Strong emphasis is placed on climates, physiographic, natural resources, and social conditions in Africa. Occasionally, a comparative analysis is made between North America and Africa. Selected countries are discussed in detail.

GEOG 4320. Seminar in Cartographic Research (3).
Prerequisite: GEOG 3320. An investigation and application of specific topics in cartography. Some of the topics include map projections, mental mapping, generalization in large and small scale maps, computer graphics, three-dimensional mapping, and military mapping systems.

GEOG 4500. Social Geography (3).
An analysis of the spatial and social processes which act in concert to bring about present-day social structures. In addition, this course will attempt to shed light on many of the social ills of the spatial and social environment.

GEOG 4600. Urban Geography (3)
A study of the city as a geographic unit. Emphasis is placed on urban functions and structure with particular reference to the growth, arrangement, and planning of commercial, industrial, and residential districts.

GEOG 4840. Geography of Asia (3)
A survey of the physical and human geography of China, Japan, the USSR, southeast Asia, South Asia, and Southwest Asia (Mideast). Emphasis is placed on population patterns, agricultural organizations and production, natural resource base, industrial development, and the political relationships between nation-states.

GEOG 4900. Seminar in Geography (3)
Prerequisites: Junior or senior standing or permission of the department. Research tools on specific geographical topics will be emphasized. Students are required to make reports on recent developments in geography.

GEOG 4920. Theory and Methodology (3)
A survey of the history of the discipline of geography and the wide-ranging themes that define geography today. Major topics include: the development of geography American education, themes and traditions in the geosciences, human-environment relationships, regions, spatial interaction and mapping, location theory, geospatial data analysis, geospatial research methods, and field techniques.

GEOG 4980, 4990. Independent Study (3, 3).
Prerequisite: Departmental approval. An advanced course designed to help students gain depth in selected areas of geography. This is achieved by giving students the opportunity to become familiar with geographical literature, to read selected topics independently and to give oral and written reports on his or her readings. The courses will involve the principles of research and scientific analysis.

GEOG 4991, 4992, 4993, 4994. Cooperative Education (3, 6, 9, 12). Open to seniors only. See course description for GEOG 2991.

Mathematics and Computer Science

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The Department of Mathematics and Computer Science offers programs of study leading to baccalaureate degrees in mathematics and in computer and information sciences. Academic programs allow considerable flexibility for the student (in consultation with an advisor) to work out a plan of study consistent with the student's career objectives and interests. Programs can be tailored to provide preparation for graduate study, employment in industry or government, and licensure for secondary school teaching. Other programs provide preparation in applications/mathematical programming, and a certificate in computer programming. A minor is available in either mathematics or computer science. The department also offers graduate programs in both mathematics and computer and information sciences leading to the Master of Science degree.

Course Requirements For The Bachelor Of Science In Mathematics

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours of the degree program must be completed at NCCU.
2. Complete the General Education Curriculum (GEC).
3. Complete 6 hours of calculus based physics chosen from the following two options: PHYS 2300 and 2310, or PHYS 2300 and 2320.
4. Major requirements: complete 40 semester hours, within the Department of Mathematics and Computer Science with a minimum grade of "C" in each course.

The 40 hours within the Department consist of:

- a. Computer science requirements: COMP 1070, 2200
- b. Mathematics core courses:
 MATH 2010, 2020, 2030, 2600, 3020, and 4410.
- c. Mathematics electives (four courses chosen from one of the following three options)
 - (1) The applied option:
 MATH 4210 and MATH 4220
 1 algebra elective from list I below
 1 additional elective from list III below
 - (2) The algebra option:
 MATH 4420 and 4430, or 3500 and 4430, or 4430 and 4440
 1 applied elective from list II below
 1 additional elective from list III below
 - (3) The analysis option:
 MATH 4310 and MATH 4320
 1 algebra elective from list I below
 1 applied elective from list II below
 I. algebra electives: MATH 3500, 4420, 4430
 II. applied electives: MATH 3410, 4210, 4520, 4530
 III. other electives: any 3000 or 4000 MATH except 3100, 4200, 4940

Mathematics majors are encouraged to tailor the program to their career objectives by making judicious choice of the electives in requirement (c) above, and by taking courses in the department beyond the required 40 hours.

Students planning to do graduate work in mathematics should include as many of the following courses in their program as possible: MATH 3410, 4310, 4320, 4420, 4430, 4210 & 4220. Graduate schools find students who exceed the 40 hour minimum more attractive.

Students planning to work in industry or government should complete as many of the following courses as practical: MATH 2400/2500, MATH 3410, MATH 4210/4220, MATH 4520/4530, COMP 1520, 1525, 2810, 4460. Such students should consider a minor in computer science.

Employers find students who exceed the 40 hour minimum more attractive.

Mathematics with Secondary Education Licensure

1. Complete requirements 1, 2, 3, 4a, and 4b listed above for mathematics majors, with a cumulative GPA of 2.5 or higher.
2. Complete COMP 2300, MATH 2400, 3100, 3500, 4100, 4200 and 4430 with a minimum grade of "C" in each course, and a minimum GPA of 2.5 in required mathematics courses.
3. Complete the following nine education courses, with a minimum grade of "C" in each course:
 - EDU 2800 Computer Utilization in Instruction Technology
 - EDU 3000 Educational Psychology
 - EDU 3010 Human Growth and Development
 - EDU 3030 Diversity, Pedagogy, and Social Change
 - EDU 3120 Inclusive Teaching for Students with Special Needs
 - EDU 3150 Instructional Planning
 - EDU 3170 Assessment of Learning
 - EDU 4117 Methods and Materials in Secondary Mathematics
 - EDU 4217 Directed Teaching in Secondary Mathematics
4. A student must be admitted to the Teacher Education Program in order enroll in EDU 3150 or a higher-level education course and to enroll in MATH 3100. To be admitted to the program, a student must:
 - Be recommended by his/her department; have at least a C in each ENG 1110, 1210, and a speaking intensive course (approved by his/her department) and have at least a 2.5 average both cumulatively and in the required mathematics courses.
 - Have completed or be in the process of completing most of the GEC requirements.

- Have a passing score on the Praxis I.

Course Requirements For The Bachelor Of Science In Computer And Information Sciences

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours of the degree program must be completed at NCCU.
2. Complete the General Education Curriculum (GEC).
3. Major requirements: complete 58 semester hours, within the Department of Mathematics and Computer Science with a minimum grade of "C" in each course, and complete a two-course sequence in chemistry or physics. The 58 hours within the Department consist of:
 - a. Computer science core courses:
COMP 1060, 1520, 1525, 2200, 2300, 2610, 2620, 2810, 3810, 4730, 4850, 4920.
 - b. Computer science electives:
Three 3000 or 4000 level COMP courses except Forensic courses (3105, 3110, 4310) and 4940.
MATH 3410 may be included among the elective courses.
 - c. Mathematics requirement:
MATH 2010, 2020, 2400 or 2500, 4410.

The allowed chemistry and physics sequences are: CHEM 1100 and 1200, PHYS 2110 and 2120, PHYS 1310 and 2310, or PHYS 1310 and 2320.

Computer Science Program, Applications/Mathematical Programming Concentration

Complete the requirements listed above for a computer science major by selecting MATH 2500 in the mathematics requirements and selecting MATH 3410, COMP 4400, and COMP 4460 as the computer science electives.

The Double Major

Double majors involving Mathematics and/or Computer Science are encouraged and obtainable. In such programs some requirements may be satisfied in non-standard ways; therefore, the chairperson of each department must approve a double major.

The Minor in Mathematics

The minor in mathematics requires the completion of 22 semester hours with a minimum grade of "C" in each course. The courses consist of MATH 2010, 2020, 2030, 4410, COMP 1070 and one 3000 or 4000 level mathematics course except MATH 3100, 4200, 4940.

The Minor in Computer Science

The minor in computer science requires the completion of 21 semester hours with a minimum

grade of "C" in each course. The courses consist of COMP 1060, 1520, 1525, 2200, 2300, 2810 and one other computer science course consistent with the student's interests and career objectives. Comp 2610 or 3300 are recommended.

The Certificate in Computer Programming

The department awards a certificate in computer programming to individuals who hold a BS degree. This program requires the completion of 21 semester hours with a minimum grade of "C" in each course. The courses consist of COMP 1060, 1520, 1525, 2610, 2810 and one of the combinations: COMP 2620 and COMP 4850; COMP 3300 and MATH 3410; COMP 3810 and COMP 4920. MATH 2000 is also required but may be replaced by any Computer Science course, if adequate knowledge of calculus is demonstrated.

Four-Year Curriculum Plan in Mathematics

Freshman year

Fall Semester		Credits	Spring Semester		Credits
#MATH 1410*	Pre-Calculus	5	+MATH 2010**	Calculus I	5
#HUSC 1521	Dim of Learning	2	†COMP 2200	Logic for Math	3
#ENG 1110	English Comp I	3	#ENG 1210	English Comp II	3
#MFL	Foreign Lang III	3	#HIST 1320	World Societies	3
#HEDU 1531	Health	2	#PEDU 1541	Fitness	2

Sophomore year

Fall Semester		Credits	Spring Semester		Credits
+MATH 2020	Calculus II	5	+MATH 2030	Calculus III	3
MATH2400	Statistics for Sci	3		Elective (2500)	3
†COMP 1070	Intro Prog	3		Elective(C++)	3
#SI	Speaking Intensive	3	#WI	Writing Intensive	3
#HUM	Arts & Hum I or II	3	#HUM	Arts & Hum (GEC)	3

Junior year

Fall Semester		Credits	Spring Semester		Credits
+MATH 2600	Intro Abstr Math	3	MATH 4420	Linear Algebra II	3
+MATH 3020	Diff Equations	3		Elective (3410)	3
+MATH 4410	Linear Algebra I	3		Elective	3
PHYS 2300	Physics I	3	PHYS 2310	& 2410 Phys II	4
#	Social Sci (GEC)	3		Elective	3

Senior year

Fall Semester		Credits	Spring Semester		Credits
	Elective (4210)	3		Elective (4220)	3
	Elective (3500)	3		Elective (4430)	3
	Elective (4520)	3		Elective	3
	Elective (4100)	3		Elective	3
	Elective	3		Elective	3

*Or its equivalent, MATH 1100 followed by MATH 1200.

**Students with special preparation and permission of the department may be exempt from the prerequisite.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

- # Core Curriculum Courses – 42
- + Mathematics Required Course-- 22
- † Computer Science Required Courses-- 6
- Applied Option: MATH 4210 and MATH 4220; MATH 4210 and MATH 4220; 1 algebra elective from list (i) below, 1 additional elective from list (iii) below
- Algebra Option: MATH 4420 and 4430, or 3500 and 4430, or 4430 and 4440; 1 applied elective from list (ii) below, 1 additional elective from list (iii) below
- Analysis option: MATH 4310 and MATH 4320; 1 algebra elective from list (i) below, 1 applied elective from list (ii) below
- (i) algebra electives: MATH 3500, 4420, 4430 (ii) applied electives: MATH 3410, 4210, 4520, 4530; (iii) other electives: any 3000 or 4000 MATH except 3100, 4200, 4940

Four-Year Curriculum Plan in Mathematics Secondary Education

Freshman year

Fall Semester			Credits			Spring Semester			Credits		
+MATH 2010	Calculus I	5				+MATH 2020	Calculus II	5			
@MATH 2400	Intro Stat for Sci	3				+COMP 2200	Logic for Math	3			
#ENG 1110	English Comp I	3				#ENG 1210	English Comp II	3			
#HUSC 1521	Dim of Learning	2				#	Arts/Hum (GEC)	3			
#HUM 2410	Arts/Hum I	3				EDU 3000	Ed. Psychology	3			

Sophomore year

Fall Semester			Credits			Spring Semester			Credits		
+MATH 3020	Diff Equations	3				+MATH 2030	Calculus III	3			
+MATH 2600	Intro Abstract Math	3				+COMP 1070	Intro Programming	3			
#ENG 1250	Elements of Speech	3				#MFL	Foreign Lang. III	3			
#HIST 1320	World Societies	3				#HEDU 1531	Health	2			
#EDU 3010	Hu Grow & Dev	3				EDU 2800	Comp Utilization	3			
						EDU 3030	Div,Ped,SocChange	3			

Pass Praxis I exams at end of sophomore year and apply for admission to the Teacher Education Program.

Junior year

Fall Semester			Credits			Spring Semester			Credits		
@MATH 3500	Number Theory	3				@MATH 4430	Abstract Algebra	3			
+MATH 4410	Linear Algebra I	3				@MATH 4200	History of Math	3			
@COMP 2300	Discrete Math	3				PHYS 2300	Physics I	3			
#WI	Writing Intensive	3				#Social Science (GEC)		3			
EDU 3120	Inclusive Teaching	3				#PEDU 1541	Fitness	2			
						EDU 3150	Instr Planning	3			

Senior year

Fall Semester			Credits			Spring Semester			Credits		
@MATH 3100	Supv Lab Exp	3				EDU 4117	Meth & Material	3			
@MATH 4100	Geometries	3				EDU 4217	Directed Teaching	6			
PHYS 2320	Physics III	3									
	Elective	3									
	Elective	3									
EDU 3170	Assessment	3									

A GPA of 2.5 or higher is required both overall and in the Department of Mathematics and Computer Science for admission to the Teacher Education Program and to student teach.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

#	Core Curriculum Courses	-- 33
+	Mathematics Required Course	-- 40
†	Computer Science Required Courses	-- 9
@	Mathematics Secondary Education Required Courses	-- 30

Four-Year Curriculum Plan in Computer Science

Freshman year

Fall Semester			Credits	Spring Semester			Credits
+COMP 1060	Intro Programming	3		+COMP 1520**	Programming: C++	3	
#MATH 1410*	PreCalculus	5		+COMP 2200	Logic for Math	3	
#ENG 1110	English Comp I	3		†MATH 2010**	Calculus I	5	
#HUSC 1521	Dim of Learning	2		#ENG 1210	English Comp II	3	
#HEDU 1531	Health	2		#PEDU 1541	Fitness	2	

Sophomore year

Fall Semester			Credits	Spring Semester			Credits
+COMP 1525	Obj-Oriented Prog	3		+COMP 2610	Digital Design	3	
+COMP 2300	Discrete Stru	3		+COMP 2810	Data Stru & Alg	3	
†MATH 2020	Calculus II	5		†MATH 2500	Stat Methods	3	
#ENG 1250	Elements of Speech	3		#WI	Writing Intensive	3	
#MFL	Foreign Language III	3		#	Social Sci (GEC)	3	

Junior year

Fall Semester			Credits	Spring Semester			Credits
+COMP 2620	Comp Hdw & Org	3		+COMP 3810	Algorithms	3	
	Comp Elective(3300)	3			Comp Elective(4910)	3	
†MATH 4410	Linear Algebra I	3			Comp Ele(Math3410)	3	
PHYS 2300	or alt Sci Elective	3		PHYS 2310	or alt Sci Elective	3	
#HUM	Arts & Hum I or II	3		#HUM	Arts & Hum (GEC)	3	

Senior year

Fall Semester			Credits	Spring Semester			Credits
+COMP 4920	Senior Seminar	1		+COMP 4920	Senior Seminar	2	
	Comp Elective (3710)	3		+COMP 4730	Org Prog Lang	3	
	Comp Elective (4830)	3		+COMP 4850	Intro to Oper Sys	3	
#HIST 1320	World Society	3			Elective	4	
	Elective	3			Elective	3	
					Elective	3	

*Or its equivalent, MATH 1100 followed by MATH 1200.

**Students with special preparation and permission of the department may be exempt from the prerequisite.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

- # Core Curriculum Courses -- 39
- † Mathematics Required Course -- 16
- + Computer Science Required Courses -- 45

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

MATHEMATICS COURSE DESCRIPTIONS FOR UNDERGRADUATES

MATH 1000. Introductory College Algebra (3)
Prerequisite: Placement by University Testing. Credit is not allowed if a student has prior credit in any other mathematics course. Required of all freshmen who did not make a satisfactory score on the placement test. Math 1000 provides preparation for Math 1100 and does not count as credit toward the GEC mathematics requirement. The course will review basic algebra, including evaluation of algebraic expressions, factoring, radicals, exponents, fractional expressions, solutions of linear equations, polynomials and word problems. Students will use technology-based learning resources as a supplement to regular class instruction, in order to gain skills and improve their knowledge of course concepts.

MATH 1100. College Algebra and Trigonometry I (3)
Prerequisite: C or better in MATH 1000 or placement by University Testing. A course that prepares non-science students for Math 1210 and students planning to take Calculus I for Math 1200. Topics include fractional expressions, exponents and radicals, equations and inequalities of linear and quadratic types, functions and graphs, exponential and logarithmic functions and the binomial theorem.

MATH 1110. Elementary Statistics (3)
Pre-requisites: C or better in MATH 1100. An introductory statistics course designed to give students a better understanding of statistical concepts, and their numerous applications as well as their limitation. Analysis will stress graphical methods of exploratory data analysis and the use of technology such as Microsoft Excel to compute means, variances, correlation coefficients, and regression lines. An introduction to statistical inference for means will also be included.

MATH 1200. College Algebra and Trigonometry II (3)
Prerequisite: C or better in MATH 1100. A course for science students designed as preparation for

Math 2010 Calculus I. A continuation of MATH 1100 with trigonometry, including simultaneous equations, graphical solution of systems of inequalities, polynomial equations and functions, sequences and series, trigonometric functions, analytical trigonometry, right angle trigonometry, and the laws of sines and cosines.

MATH 1210. Finite Mathematics (3)
Prerequisite: C or better in MATH 1100. A second GEC course for non-science majors. Topics include solving systems of linear equations and inequalities, and solving optimization problems by the simplex method. Sets, counting techniques, and basic principles of probability are also introduced.

MATH 1410. Pre-Calculus Mathematics (5)
Prerequisite: Permission of department. An intensive course in pre-calculus mathematics including structure of the real number system, fundamental concepts of algebra, the elementary functions and their graphs, inequalities, theory of equations, complex numbers, the binomial theorem, trigonometric functions, analytical trigonometry, applications of trigonometry, and mathematical induction.

MATH 2000. Calculus for Non-Science Majors (3)
Prerequisite: C or better in MATH 1100. An intuitive treatment of the calculus, including functions, limits, continuity, the techniques of differentiation and an introduction to integration. Applications to business and economics, the life sciences and the behavioral sciences.

MATH 2002. Concepts of the Real Number System I (3)
Prerequisite: C or better in MATH 1200. A course for students who are majoring in elementary or middle school education. The first of a two-semester sequence in fundamental concepts and the structure of the real number system and its subsystems presented from an arithmetic, algebraic, and geometric point of view.

MATH 2003. Concepts of the Real Number System II (3)

Prerequisite: C or better in MATH 2002. A courses for students who are majoring in elementary or middle school education. The second of a two-semester sequence in fundamental concepts and the structure of the real number system and its subsystems presented from an arithmetic, algebraic, and geometric point of view.

MATH 2005. Foundations of Geometry (3)

Prerequisite: C or better in MATH 1200. A course for students who are majoring in elementary or middle school education. Fundamental concepts of geometry, including those concepts that form the core of geometric knowledge, the axioms that develop geometric intuition and insight, and the formulation of deductive subsystems. Geometric ideas will be illustrated in practical settings.

MATH 2010. Calculus and Analytic Geometry I (5)

Prerequisite: C or better in MATH 1200 or 1410, or permission of the department. An introduction to the differential and integral calculus with analytic geometry including functions, limits, continuity, methods and applications of differentiation (including trigonometric functions), and an introduction to elementary differential equations and techniques of integration.

MATH 2020. Calculus and Analytic Geometry II (5)

Prerequisite: C or better in MATH 2010. A study of theory and techniques of integration with applications, differentiation and integration of transcendental functions, numerical integration methods, improper integrals, bounded growth models, separable, first order differential equations, polar coordinates, parametric representations, and analytic geometry in the plane.

MATH 2030. Calculus and Analytic Geometry III (3)

Prerequisite: C or better in MATH 2020. An introduction to Multivariable calculus, partial derivatives with applications to special partial differential equations, double and triple integrals with applications, and analytic geometry in space. Vectors and parametric equations in space, infinite sequences and series, including power

series, Taylor series with remainder, and applications.

MATH 2400. Introduction to Statistics for Science Majors (3)

Prerequisite: C or better in MATH 1100, 1410, or 2010. A study of key concepts in statistics and probability: combinatorics, probability laws, random variables, and distributions. Includes the fundamental tools of statistics: data collection, graphical and numerical methods for describing data, experimental design, simple regression and correlation, categorical data analysis, and statistical inference.

MATH 2500. Statistical Methods (3)

Prerequisite: C or better in MATH 1100, 1410, or 2010. An applications-oriented study of statistical methods, including analysis of variance, linear and multiple regressions, hypothesis testing and sampling techniques. Assignments involve extensive use of SAS or comparable statistics computer software.

MATH 2600. Introduction to Abstract Mathematics (3)

Prerequisites: C or better in Math 2020 and COMP 2200. A designed to transition students from the calculus to more abstract mathematics. The course covers prerequisite material for advanced abstract mathematics courses. Topics include logic, sets and functions, an introduction to mathematical proof, mathematical induction, relations and algebraic systems.

MATH 3020. Differential Equations (3)

Prerequisite: C or better in MATH 2020. A study of elementary ordinary differential equations. Topics include solutions of linear and non-linear differential equations, power series solutions, systems of differential equations and computer based numerical techniques with applications.

MATH 3100. Supervised Laboratory Experiences (3)

Prerequisite: Admission to the teacher education program. A program of experiences designed to provide the student with competence in

mathematics teaching skills as well as an overview of the mathematics teaching profession.

Experiences will include classroom discussions, simulated teaching experiences, observations, and weekly participation in teacher-aide and tutorial activities in local secondary schools. May not be used to satisfy a mathematics elective requirement.

MATH 3410. Numerical Analysis (3)

Prerequisites: C or better in MATH 2020 and knowledge of a programming language. A computer-based introduction to numerical analysis illustrated by examples from a number of different scientific fields. Topics include solutions of linear and non-linear equations, eigenvalue computation, curve fitting, interpolation theory, numerical integration, differentiation, and solution of differential equations.

MATH 3500. Elementary Number Theory (3)

Prerequisite: C or better in MATH 2600. A study of the properties of the integers including: Well ordering, the axiom of mathematical induction, divisibility, unique factorization, Diophantine equations, congruences, the Chinese remainder Theorem, number theoretic functions, Euler's and Wilson's theorem, perfect numbers, and quadratic residues.

MATH 3910. Undergraduate Honors Seminar (1-3)

Prerequisite: Junior standing and permission of the department. A guided research seminar intended for mathematics majors. Students learn techniques for solving challenging problems, write mathematical proofs, investigate selected topics in mathematics, and participate in ongoing research. Includes individual or team projects and oral presentations. Students must devote three research hours of work per week for each semester credit hour and must produce a written report on their project each semester. Topics vary. May be repeated once for credit.

MATHEMATICS COURSE DESCRIPTIONS FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS

MATH 4100. Introduction to Geometries (3)

Prerequisite: C or better in MATH 2600. An introduction to non-Euclidean geometries, axiom systems of Euclidean geometry, plane projective geometry, geometry as the study of the invariant theory of a transformation group and sub geometries of projective geometry.

MATH 4200. History of Mathematics (3)

Prerequisite: C or better in MATH 2010. A survey of the history of mathematics with emphasis on selected topics of interest to secondary teachers; topics include algebra, geometry, trigonometry, and calculus. May not be used to satisfy a mathematics elective requirement.

MATH 4210, 4220. Introduction to Probability and Statistics I and II (3,3)

Prerequisite: C or better in MATH 2020. A two course sequence on discrete and continuous probability distributions, sampling, estimation, hypothesis testing, confidence methods, regression analysis, techniques of experimental design and non-parametric methods.

MATH 4310, 4320. Advanced Multivariable Calculus I and II (3,3)

Prerequisite: C or better in MATH 2030. A two course sequence on the algebraic and topological properties of the real number system; Euclidean n -space as a linear vector space and as a metric space; norms; limits; continuity and differentiability properties of functions of several variables; integration; convergence; vector calculus; line and surface integrals; the theorems of Green, Stokes, and Gauss; curvilinear coordinates; implicit and inverse function theorems; transformation mappings; and Jacobians.

MATH 4410. Linear Algebra I (3)

Prerequisite: C or better in MATH 2020. A study of computation in finite dimensional vector spaces, including linear transformations, matrix algebra,

solution of linear systems, inner products, bilinear and quadratic forms, diagonalization of square matrices, and applications.

MATH 4420. Linear Algebra II (3)

Prerequisites: C or better in MATH 2600 and MATH 4410. A continuation of MATH 4410 with emphasis on the theory of linear transformations and finite dimensional vector spaces.

MATH 4430, 4440. Abstract Algebra I and II (3,3)

Prerequisite: C or better in MATH 4410 and MATH 2600. A two semester sequence of study of algebraic structures. Includes theory and applications involving groups, rings, fields, modules over principal ideal domains and Galois theory.

MATH 4502/COMP 4502. Introduction to Mathematical Methods for Computational Biology (3)

Prerequisites: C or better in MATH 3020 and MATH 4410, and permission of the instructor. A survey of the mathematics needed to understand Bioinformatics tools insightfully. Topics include algebra, statistics and graph theory. The materials and examples will be presented in biological context and their relevance to biological findings. The course serves as a prerequisite for advanced courses in computational biology.

MATH 4520. Topics in Applied Mathematics (3)

Prerequisites: C or better in MATH 3020 and 4410. An introduction to analytic methods of applied mathematics including model building with computer utilization. Illustrative examples and case studies are chosen from a wide range of areas of application.

MATH 4530. Operations Research (3)

Prerequisite: C or better in MATH 4410. A course on mathematical models and methods for decision-making. Topics chosen from: linear programming, dynamic programming, game theory, and queuing theory.

MATH 4610, 4620. Introductory Real Variable Theory I and II (3,3)

Prerequisite: C or better in MATH 4320. A study of the real number system, metric spaces, topology, limits, and continuity in Euclidean space, functions of bounded variation. Riemann-Stieltjes integrals, series of functions and series expansion, derivatives, Lebesgue integration.

MATH 4630. Introductory Complex Analysis (3)

Prerequisite: C or better in MATH 4310. A study of algebra and geometry of the complex numbers, analytic functions, integrals, power series, residues, poles, conformal mapping, contour integration, analytic continuation and multivalued functions, boundary value problems and integral theorems.

MATH 4800. Introductory Topology (3)

Prerequisites: C or better in MATH 4320 and 4410. A study of metric spaces, topologies, derived spaces and continuity, the separation axioms, convergence, nets and filters, covering principles, compactness, connectedness, metrization and compactification.

MATH 4900, 4910. Independent Study I and II (1-3)

Prerequisite: Permission of department. Independent research under the guidance of a professor. The faculty mentor directs the study and assesses the student's knowledge through oral and written reports. Repeatable for credit. Departmental approval is required for registration.

MATH 4920. The Senior Seminar in Mathematics (1-3)

Prerequisites: senior classification and C or better in MATH 3020 and MATH 4410. An introduction to mathematical research and mathematical modeling through problem solving activities. Through individual and group projects, students will participate actively in the entire modeling process and undertake investigations of challenging problems chosen from a variety of areas of the mathematical sciences. May be repeated for a maximum of 3 credit hours.

MATH 4930. Topics in Mathematics (1-3)

Prerequisite: permission of department. A course in which content varies each semester. Interested students must consult the instructor or department chair prior to enrolling. Possible topics include actuarial mathematics, partial differential equations, mathematical logic, analysis of variance, and other advanced topics. (May be repeated for credit)

MATH 4940. Cooperative Education (1-3)

Prerequisite: Permission of department. A course in which, through cooperative arrangements between the University and an employer, the student receives credit for on-the-job instruction which contributes to the student's education and employability as a mathematician. Repeatable for a maximum of 6 credit hours. Department approval is required for registration. May not be used to satisfy a mathematics elective requirement.

COMPUTER SCIENCE COURSE DESCRIPTIONS FOR UNDERGRADUATES

COMP 1010. Experiential Introduction to Robotics (1)

This course is an introduction of basic concepts of robotics utilizing hands-on experience on autonomous robots. Topics include fundamental designing issues including mechanics, sensors, motors, and control of an autonomous mobile robot and programming issues. The aim is to make students learn by doing the laboratory assignments and projects comprising of simple projects through more advanced projects related to programming.

COMP 1050L. Digital Communications Systems (1-3)

Prerequisite: C or better in MATH 1100 lecture and lab per week. An introduction to local area and wide area networks. The course will provide basic understanding of network concepts and router programming.

COMP 1051L. Computer Networking Technology (1-3)

Prerequisite: COMP 1050L. 1 lecture and lab per week. A course that provides advanced study of local area and wide area networks. Develops competence in designing and implementing enterprise-wide campus network using switches and routers.

COMP 1060. Introduction to Programming: A Multimedia Approach (3)

A course that introduces basic programming concepts using multimedia to create interesting effects with sounds, pictures, web pages, and video. Topics covered include data types, input/output statements, conditional statements, loops and functions. The underlying programming language used is Python (Jython implementation) a dynamic object-oriented language. Concepts of object-oriented programming will be further emphasized through the use of another software educational tool Jeroo.

COMP 1070. Introduction to Programming (3)

An introductory course to algorithms and top-down problem solving. The course will provide an introduction to the C programming language. Specific topics include compiling, running and debugging a program, program testing, documentation, variables and data types, assignments, arithmetic expressions, input and output, top-down design and procedures, conditionals, loops, functions, arrays, pointers, and standard libraries. Basic skills for using UNIX and Windows operating system environments will be emphasized. File system structures and access control, basic user commands, text editing and Internet utilities are covered.

COMP 1510. Programming: Java (3)

Prerequisite: C or better in COMP 1060 or permission of department; Co-requisite: MATH 1100 or equivalent. An introduction to computer programming in Java, with an emphasis on algorithm development and problem solving. Development of Java applications and applets from specifications; control structures; classes and

methods; data types and data abstraction; object-oriented programming and design are included.

COMP 1520. Programming: C++ (3)

Prerequisite: C or better in COMP 1060 or permission of department; Co-requisite: MATH 1100 or equivalent. An introduction of object-oriented programming and design in C++ with an emphasis on algorithm development and problem solving. Topics include design and implementation of classes (including friend classes, overload operators and template classes), fundamental algorithms using arrays, vectors and strings, file manipulation, dynamic memory management, inheritance, recursion, and simple GUI programming.

COMP 1525. Object-Oriented Programming (3)

Prerequisite: C or better in COMP 1520. An introduction to techniques and concepts in object-oriented programming such as function templates, class templates, stream input/output, exception handling, file processing, and inheritance. Elementary data structures (e.g., linked lists, stacks, and queues) and basic searching and sorting algorithms will be introduced.

COMP 2110/CRJU 2110. Introduction to Computers and Their Applications (3)

A high-level introductory course to computers and their applications for non-majors. Topics include data representation/storage, machine architecture, machine language, operational commands in DOS and Unix operating systems, introduction to programming concepts and data structures, file management, network basics, Internet, LAN, virus protection, World Wide Web, search engines, web page creation using HTML, Internet applications (mail, FTP, telnet, newsgroups).

COMP 2115/CRJU 2115. Introduction to Computer and Network Security (3)

Prerequisite: C or better in COMP 2110/CRJU 2110. A course that gives a high-level overview of threats to, and vulnerabilities of, computers and networks and how they can be protected. Topics include elementary cryptography, viruses and

malicious code and how to protect against them, user authentication, file protection mechanisms, basic network configurations, network architecture and security models, firewalls, access control devices, intrusion detection systems, legal and ethical issues in computer security.

COMP 2200. Logic for the Mathematical Sciences (3)

Prerequisite: C or better in MATH 1100 or 1410. An introduction to modern symbolic logic emphasizing topics relevant to computer scientists and mathematicians. Topics in propositional calculus and predicate calculus will be augmented by topics chosen from set theory, recursive functions, and computational complexity. Topics in propositional calculus will be chosen from: completeness, circuits and Boolean algebra, and the satisfiability problem. Topics in predicate calculus will be chosen from: deduction systems, compactness, incompleteness, and finite models.

COMP 2300. Discrete Structures for Computation (3)

Prerequisite: C or better in either MATH 2010 or COMP 2200. An introduction to combination enumeration (including the inclusion-exclusion principle, multinomial coefficients, recurrence relations, and generating functions), graph theory (including graph coloring, graph matching, tours and networks), and basic string recognition methods (including finite state machines, pushdown automata, and Turing machines).

COMP 2610. Introduction to Digital Design (3)

Prerequisite: C or better in COMP 2200. An introduction to computer architecture and implementation. Topics include binary number systems, truth tables, Boolean algebra, canonical forms, minimization of combinatorial logic circuits and sequential circuits design, flip-flops and adders, and storage mechanisms and their organization.

COMP 2620. Computer Hardware and Organization (3)

Prerequisite: C or better in COMP 2610. A continuation of COMP 2610. Study of computer

hardware and architecture. Treatment of sequential and combinatorial circuits including flip-flops, multiplexers, decoders, adders, registers, counters. Design of functional components of a computer including memory, ALU, control unit, and buses. Coding methods, arithmetic units, instruction execution, and information transfer are emphasized. The tradeoffs of alternative architectural features such as word size, instruction sets, and addressing modes are discussed.

COMP 2705. Internet Applications I (3)

Prerequisite: C or better in COMP 1060 or COMP 1070 or permission of the department. An introduction to Internet concepts, applications, and services. Introduces the TCP/IP protocol suite along with clients and servers for Internet communication, browsing, and navigation. Principles and methods for remote interactions with database, HTML, CSS and Java script. Webpage design. Introduction to bash scripting, PHP and DOM.

COMP 2810. Data Structures (3)

Prerequisite: C or better in COMP 1525. An introduction to analysis and implementation of abstract data types. Includes linked lists, stacks, queues, trees, hash tables, priority queues (binary heaps) and general graphs. Algorithms which use these data structures are described and analyzed, including recursive and non-recursive searching and sorting methods.

COMP 3105/CRJU 3105. Cyber Forensic Investigations: Tools, Analysis & Testimony (Part I) (3)

Prerequisite: C or better in COMP 2115/CRJU 2115. May not be used to satisfy a computer science elective requirement. The first of a two-course sequence. Part I of this sequence explores the role of technology in computer forensics through an examination of the various tools employed in conducting a forensic investigation. Students get a working knowledge of the different hardware platforms and software applications; and learn to apply the appropriate forensic tools through hands-on training.

COMP 3110/CRJU 3110. Cyber Forensic Investigations: Tools, Analysis & Testimony (Part II) (3)

Prerequisite: C or better in COMP 3105/CRJU 3105. May not be used to satisfy a computer science elective requirement. The second of a two-course sequence. Part I of this course explored the role of technology in computer forensics and introduced different hardware platforms and software applications. In Part II of this course, students learn to analyze the digital evidence using various forensic tools and write reports and prepare for testimony.

COMP 3300. Introduction to Database Systems (3)

Prerequisites: C or better in COMP 2200 and 2810. An introduction to general principles and methods for database systems. The internal, conceptual, and external levels of database systems as reflected in the relational, network, and hierarchical database models. Principles and methods for database design theory. Query languages. File organizations appropriate for database systems.

COMP 3710. Introduction to Computer Graphics (3)

Prerequisites: C or better in COMP 2810 and MATH 2010. An introduction to raster graphics using the C programming language. Two and three dimensional rendering issues are studied, including scaling, rotation, translation, clipping, projection and other transformations and representations of 3D objects. Emphasis is on implementing a graphics package using efficient algorithms.

COMP 3810. Design and Analysis of Algorithms (3)

Prerequisite: C or better in COMP 2810. A course in which students learn to use general asymptotic notations; solve recurrences; and design, analyze and, where applicable, prove correctness of optimality of algorithms using divide-and-conquer, greedy and dynamic programming techniques. Analysis and proof of correctness of graph

algorithms and issues from computational complexity will be included.

COMP 3910. Undergraduate Honors Seminar (1-3)
Prerequisites: Junior standing and permission of department required. A guided research seminar intended for computer science majors. Students investigate selected topics in computer science and participate in ongoing research. Includes individual or team projects and oral presentations. Students must devote three hours of work per week for each semester credit hour and must produce a written report on their project each semester. Topics vary. May be repeated for credit.

COMP 4310/CRJU 4310: Capstone Project. Cyber Forensics Investigative Simulation (3)
Prerequisite: COMP 3110/CRJU 3110. May not be used to satisfy a computer science elective requirement. A course with a flexible schedule in which students will have access to the "crime scene" during predetermined hours. This course provides hands-on experience using software to create a live simulation of compromised system images to demonstrate the components inherent in forensic investigations. Students will learn to identify and analyze digital data and to appropriately present the findings as evidence in litigation proceedings. In the course of this project, students will go through the entire process of search, seizure, gathering digital evidence ensuring that laws of evidence are adhered to and chain of custody is maintained, analyzing the digital evidence, writing a report and preparing for testimony.

COMP 4400/PHYS 4400. Microelectronics Laboratory (3)
Prerequisite: Permission of the instructor. A study of the implementation of binary operations by means of electronic circuits. Operations of logic gates, design of logical networks, microprocessor architecture, memory devices and interfacing techniques will be covered. Students will use

common integrated circuit devices for selected applications.

COMP 4460. Applications Programming I (3).
Prerequisites: C or better in MATH 3410 and 4410. A course on computer applications of numerical algorithms for solving applied linear algebra problems and optimization problems that arise in various sciences and engineering. Programming in FORTRAN and MATLAB with emphasis on visualization of the numerical solutions. Prior knowledge of FORTRAN and MATLAB is desirable.

COMP 4502/MATH 4502. Introduction to Mathematical Methods for Computational Biology (3)
Prerequisites: C or better in MATH 3020 and MATH 4410, and permission of the instructor. A survey of the mathematics needed to understand Bioinformatics tools insightfully. Topics include algebra, statistics and graph theory. The material and examples will be presented in biological context to emphasize their relevance to biological findings. The course serves as a prerequisite for advanced courses in computational biology.

COMP 4605. Computer Networks (3)
Prerequisite: COMP 2810 and a co-requisite of COMP 4850. An introductory course in computer networking. Fundamental concepts of data communication, networking and communication architectures are discussed including transmission, digital and analog data and signaling, encoding, packet/circuit/virtual-circuit switching, layered communication architecture and OSI layers, general description of application, transport, network and link layers. Basic traffic control algorithms, including error control, flow control, routing, and congestion control and some detailed protocol study of Ethernet, ATM and TCP/IP.

COMP 4615. Inter-Planetary Internet: Issues in Delay Tolerant Networks (3)
Prerequisite: COMP 4605. This is an advanced course in computer networking discussing issues in Inter-Planetary Internet (IPN) or Delay-Tolerant Networks (DTN). Topics include communication

characteristics of delay tolerant networks and research challenges, architecture of delay-tolerant networks, transport protocols, routing algorithms and security issues.

COMP 4650. Parallel Computations and Numerical Methods (3)

Prerequisites: C or better in MATH 3410 and MATH 4410. A basic introduction to parallel computation and commonly used numerical methods on parallel architectures. Material includes types of parallel architectures, performance analysis, dependency models, and solutions of linear systems and eigenvalue problems in parallel environments.

COMP 4730. Organization of Programming Languages (3)

Prerequisite: C or better in COMP 2810. An introduction to the formal study of programming language concepts including syntax and semantic issues. Grammars, data types and control structures are examined. Several languages are analyzed and compared, including representative languages from procedural, functional, object oriented, logic programming and other paradigms.

COMP 4820. Raster Graphics (3)

Prerequisites: C or better in COMP 3710, COMP 3810, and MATH 4410. A study of the hardware, software and algorithms for raster devices such as video displays; frame buffers, hidden-line/surface processing, anti-rastering techniques, curved surfaces generation display, lighting models, modeling of shadow, natural textures phenomena; shading and color models. Discussion of problems of current interest.

COMP 4825. Introduction to Computer Game Design and Implementation (3)

Prerequisites: C or better in COMP 3710 and MATH 4410. An introduction to the technology and science involved in the creation of computer games with emphasis on hands-on development of games including the study of a variety of software technologies relevant to games: game physics, programming languages, scripting languages, operating systems, file systems,

networks, simulation engines, and multi-media design systems. Group projects will involve system implementation, but emphasize design and use of existing tools. The final project will require the students to go through all phases of system conceptualization, specification, design, implementation, and evaluation.

COMP 4830. Introduction to Computational Geometry (3)

Prerequisites: C or better in COMP 3810, MATH 2020 and MATH 4410. A study of computer-based representation, analysis, synthesis and computer-controlled manufacture of two- and three-dimensional shapes. Topics to include spline functions, parametric cubic spline curves, Bezier curves and B-Spline curves, curve and net faring, intrinsic affine invariants of parametric curves in affine hyperspace.

COMP 4840. Digital Image Processing and Computer Vision (3)

Prerequisites: C or better in COMP 3810, MATH 2020 and MATH 4410. A study of the relationship of image processing and computer vision to 2-D signal processing, pattern recognition, computer graphics and artificial intelligence, geometrical model for imaging; fundamentals of image grey-level modeling and early processing (transforms, sampling, enhancement, restoration, conversion); image motion modeling, detection, interpretation, and understanding (dynamic or time-varying image analysis).

COMP 4850. Introduction to Operating Systems (3)

Prerequisites: C or better in COMP 2610, 2810, and 2620 (2620 may be taken as a co-requisite). An investigation of the efficient management of computer resources. Process management, storage management, security, distributed systems, are all examined. Studies of specific operating systems, including Unix, Windows, and DOS, among others, are included.

COMP 4900. Independent Study (1-3).

Prerequisite: permission of department. A course designed to provide students an opportunity to study areas of computer science not taught in

other courses. A faculty mentor directs the study and assesses the student's knowledge through oral and written reports. Repeatable for credit. Departmental approval is required for registration.

COMP 4910. Special Topics in Computer Science (3)

Prerequisites: Permission of department. Students must consult with the instructor or department chairperson prior to enrolling. Requirements vary from semester to semester. Possible topics include computer graphics, compiler design, simulation, network programming/distributed processing, database management systems. May be repeated for credit.

COMP 4920. The Senior Seminar in Computer Science (1-3)

Prerequisite: Senior classification. COMP 2620 and 3810. An advanced study of software engineering, with an introduction to selected topics from

artificial intelligence, compiler and language theory, parallel algorithms, object oriented programming, theory of computability, and other current trends in computer science. Students will design, implement, and document a team oriented project using C or some other high level, modern programming language. May be repeated for a maximum of 3 credit hours.

COMP 4940. Cooperative Education (1-3)

Prerequisite: permission of department. A course in which, through cooperative arrangements between the University and an employer the student may receive credit for on-the-job instruction which contributes to the student's education and employability as a computer scientist. Repeatable for a maximum of 6 hours credit. Department approval is required for registration. May not be used to satisfy a computer science elective requirement.

Physics

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A major in Physics prepares students for advanced degrees in physics or related fields, for employment in government or industry, or for licensure to teach at the secondary school level.

The Department of Physics offers programs of study leading to a B.S. degree in Physics, a B.S. degree in Physics with teacher certification; a dual degree in Physics and Engineering with Duke University and Georgia Institute of Technology; and a two-year Pre-Engineering program.

Students in the B.S. degree program have the opportunity to select from the following concentrations: applied physics or computational physics.

Course Requirements for the Bachelor of Science in Physics

Physics Program:

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.0 or higher. The last 30 hours must be completed at NCCU.
2. Complete the General Education Curriculum (GEC).
3. Non-departmental major requirements: CHEM 1100 and 1200. MATH 2010, 2020, 2030, 4410*
A computer programming course.
4. Departmental major requirements: Complete the following required courses with a grade of "C" or higher: PHYS 2300, 2310, 2320, 2410, 2420, 3060, 3110, 3210, 3220, 3310, 3200, 3410, 4110, and 4300.

Complete six to eighteen elective credit hours in concentration agreed upon with the academic advisor.

* Placement in mathematics courses will depend on the students' performance on their placement tests and their high school records.

Course Requirements for the Bachelor of Science in Physics, Secondary Education

The Physics Secondary degree program is being phased out in lieu of a Comprehensive science licensure program.

Minor In Physics

Students who wish to minor in physics must complete MATH 2010 and 2020 and a minimum of 21 semester hours in physics. Students may choose one of two minor options:

1. Required courses: PHYS 2110, 2120, 3060, 3110, 3210, 3220, and 3310.
2. Required courses: PHYS 2300, 2310, 2320, 2410, 2420, 3060, 3110, 3210, 3220, and 3310.

Course Requirements for the Bachelor's Degree in the Dual Degree Program With Georgia Institute of Technology (Georgia Tech)

1. Complete a minimum of 93 semester hours of the total hours required by NCCU for a bachelor's degree; complete a study program at Georgia Tech which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the particular degree being sought.
2. Have the recommendation from the Dean, a satisfactory GPA, and specified tests results indicating student could satisfactorily complete the degree requirements at Georgia Tech.
3. Complete the General Education Curriculum (GEC).

4. Non-departmental major requirements: CHEM 1100 and 1200. MATH 2010, 2020, 2030, 4410.

* A computer language programming course.

5. Departmental major requirements: Complete the following required courses with a grade of "C" or higher: PHYS 2300, 2310, 2320, 2410, 2420, 3060, 3110, 3200, 3210, 3220, 3310, 3410.

Course Requirements for the Bachelor's Degree in the Dual Degree Program With Duke University.

1. Complete the General Education Curriculum (GEC).

2. Non-departmental major requirements: CHEM 1100 and 1200. MATH 2010, 2020, 2030, 4410.

* A computer language programming course.

3. Departmental major requirements: Complete the following required courses with a grade of "B" or higher: PHYS 2300, 2310, 2320, 2410, 2420, 3060, 3110, 3200, 3210, 3220, 3310, 3410.

4. Elective: Complete two electives.

5. Complete the degree requirements at Duke University.

* Placement in mathematics courses will depend on the students' performance on their placement tests and their high school records.

Four-Year Curriculum Plan in Physics

Freshman Year

Fall Semester				Credits	Spring Semester				Credits
* ENG	1110	English Comp I		3	* ENG	1210	English Comp II		3
&		Elective		3	* HUM		Arts & Humanities I or II		3
% MATH	2010	Calc & Analytic Geometry		5	* PEDU	1541	Fitness		2
* HUSC	1521	Dimensions of Learning		2	% MATH	2020	Calc & Analy Geom II		5
* PHYS	2300	General Phys Scien & Eng I		3	* PHYS	2310	Gen Phys Scien & Eng II		3
* PHYS	2410	Laboratory I		1					

Sophomore Year

Fall Semester				Credits	Spring Semester				Credits
* ENG	1250	Elements of Speech (SI)		3	* HIST	1530	World Societies		3
* HEDU	1531	Health		2	* HUM		GEC Requirement		3
% CHEM	1100	General Chemistry I		4	% CHEM	1200	Chemistry II		4
% MATH	2030	Calc & Analy Geom. III		3	% MATH	4410	Linear Algebra I		3
* PHYS	2320	General Phys Scien & Eng III		3	* PHYS	3310	Modern Physics		3
* PHYS	2420	Laboratory II		1					

Junior Year

Fall Semester				Credits	Spring Semester				Credits
* WI		GEC Course		3	* MFL	Level III			3
* SOSOC		GEC Requirement		3	* PHYS	3060	Electricity/Magnetism		3
* PHYS	3110	Mechanics		3	* PHYS	3200	Data Acquisition/Anal		3
* PHYS	3210	Laboratory III		2	* PHYS	3220	Laboratory IV		2
* PHYS	3410	Computational Physics		3	% COMP		Computer Requirement		3

Senior Year

Fall Semester				Credits	Spring Semester				Credits
* PHYS	4110	Statistical Mechanics		3	* PHYS	4300	Intro to Quantum Mech		3
# PHYS		Elective		3	# PHYS		Elective		3
# PHYS		Elective		3	# PHYS		Elective		3
# PHYS		Elective		1	&		Elective		3
&		Elective		3	&		Elective		3
&		Elective		3					

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

* Core Curriculum Courses - 69

% Non-departmental Required Courses- 27

Physics Electives - 13

& Electives – 15

< Possible Physics Electives:

PHYS 3070-Electricity and Magnetism II, PHYS 3100-Principles of Electronics, PHYS 3120-Mechanics II, PHYS- 3290 Environmental Physics, PHYS 3510-Nanotechnology, PHYS 4220- Mathematical Physics, PHYS 4230- Lasers and Applied Optics, PHYS 4250- Science Instrumentation, PHYS 4310- Quantum Mechanics II, PHYS 4320- Nuclear and Particle Physics, PHYS 4330- Solid State Physics, PHYS 4410- Computational Physics II, PHYS- 4900 Senior Thesis.

Any 3000-4000 Level math or computer science course

(SI) = Speaking Intensive; (WI) = Writing Intensive

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Physics Course Descriptions

PHYS 1000. Physics with application to Environmental Topics (3)

A course designed to present the basic concept of physics in their application to the study of the environment. (Two hours lecture and two hours laboratory per week).

PHYS 1050. Astronomy (3)

An introduction to the field of astronomy. This course will acquaint the student with the methods and tools of modern astronomy. The historical development of astronomical models is briefly reviewed. The student will study the population of stars in the universe, their evolution and the processes responsible for it. They will study in some detail our galaxy, the solar system and the planets. Current cosmological theories will be reviewed. (Three hours lecture per week)

PHYS 1210. The Language of Science (3)

A study of the process by which scientists acquire, analyze and organize information. The student is challenged to observe carefully, to experiment, to analyze critically and to synthesize results into an analytical (i.e. mathematical) formalism. The student thus learns by actively exploring the physical world rather than merely reading about it. Practice of the scientific method is emphasized more than coverage of a definite body of knowledge. (Two lecture and two laboratory hours per week)

PHYS 1410. Introduction to Nanoscience and Nanotechnology (3)

A course that gives students a relatively broad background in the field of nanoscience and nanotechnology. The course does not have a traditional lecture-practice class format, but rather has the form of seminars with inclusion of visual presentations and specifically designed labs. The course will give the students an overview of the nanoscience, which is each day more and more important in all science disciplines and technology. It consists of the two parts: Nanoscience Background and Nanoscience

Applications and Instrumentation.

PHYS 2110. General Physics I (4)

Prerequisites: MATH 1100 and 1200 with a grade of "C" or better. An introduction to the principles of physics for students majoring in the life sciences. Topics covered include: kinematics in one- and two-dimensions, vectors, particle dynamics, energy, rotational and oscillatory motion, fluids, sound and waves. (Three hours lecture and two hours laboratory per week)

PHYS 2120. General Physics II (4)

Prerequisite: PHYS 2110. A continuation of PHYS 2110. Topics covered include: electricity and magnetism, heat and thermodynamics. (Three hours lecture and two hours laboratory per week)

PHYS 2300. General Physics for Science and Pre-Engineering Majors I (3)

Prerequisite or Corequisite: MATH 2010 or permission of instructor. A study of the fundamental concepts in physics and their use in analyzing physical systems. Topics covered: one-dimensional kinematics, vectors and kinematics in two- and three-dimensions, Newton's laws and particle dynamics, rotational kinematics and dynamics, temperature, thermal properties of matter, the first law of thermodynamics, kinetic theory of gases (Three hours lecture and one recitation hour per week)

PHYS 2310. General Physics for Science and Pre-Engineering Majors II (3)

Prerequisite: PHYS 2300. Prerequisite or Corequisite: Math 2020. A continuation of Physics 2300. Topics covered: electric fields, Gauss's law, electric potential, capacitors, dielectrics, electric circuits, magnetic fields, Ampere's law, Faraday's law, inductance, magnetic materials, propagation of light, geometrical optics and applications. (Three lecture hours per week)

PHYS 2320. General Physics for Science and Pre-Engineering Majors III (3)

Prerequisite: PHYS 2300. A continuation of Physics 2310. Topics covered include: Equilibrium and elasticity, gravitation, periodic motion, fluid mechanics, mechanical waves, interference and normal modes, sound waves, electromagnetic

waves, interference, diffraction, polarization of waves, alternating currents, the second law of thermo-dynamics. (Three hours lecture per week)

PHYS 2410. Laboratory I (1)

Corequisite: PHYS 2310. Laboratory for students majoring in science or engineering. Students will develop laboratory skills, and they will be introduced to statistical methods for the analysis of data. Experiments will deal with the description and analysis of motion in one and two-dimensions, dynamical systems and waves. (Two hours laboratory per week)

PHYS 2420. Laboratory II (1)

Corequisite: PHYS 2320. A continuation of PHYS 2410. Experiments will include simple electrical circuits, electromagnetic waves, properties of fluids, and thermal properties of materials. (Two hours laboratory per week)

PHYS 2500. Introduction to Biophysics (3)

A basic overview of the key concepts of biophysics, especially molecular biophysics, by applying physical principles, methods, and techniques to the study of biophysical phenomena. Lectures stress the elementary behavior of ions, proteins, and nucleic acids in the biological membranes, biopolymers, muscular movement, and nervous systems. The course objectives will be accomplished through lectures and discussion of selected topics in class, through laboratory studies, group exercises, and by assigned parts of text.

PHYS 3060. Electricity and Magnetism (3)

Prerequisites: PHYS 2320; MATH 2030. A presentation of the classical theory of electricity and magnetism. Topics include: electrostatics, magnetostatics, fields of moving charges, Maxwell's equations. (Three hours lecture per week)

PHYS 3070. Electricity and Magnetism II (3)

A brief review of PHYS 3060 (Electricity and Magnetism I), including a review of Maxwell's Equations, followed by a study of energy and momentum of electromagnetic fields; plane waves (boundary conditions, absorption and dispersion, and wave-guides); potential

formulation; gauge transformation; moving fields and retardation effects; dipole radiation; radiation reaction; relativity; relativistic dynamics; field tensor. Many of the concepts studied in this course, such as electromagnetic waves and radiation fields, will become important guides for practicing experimental physics. A clear understanding of field theory, gauge transformations, and relativity will create a foundation for pursuing theoretical physics. (Three lecture hours per week)

PHYS 3100. Principles of Electronics (3)

Prerequisites: PHYS 2320 and 2420 or permission of the instructor. An introduction to the fundamental principles of electronic circuits and devices. Topics covered include: circuit laws and the analysis of elementary circuits, measurement instruments and techniques, phaser analysis of RLC (circuits, diode and transistor concepts), instrumentation modules (power supplies, amplifiers, function generators), switching and logic circuits. (Two hours lecture and two hours laboratory per week)

PHYS 3110. Mechanics I (3)

Prerequisites: PHYS 2320 and MATH 2030. A presentation of the classical theory of mechanics. Topics include: particle dynamics, central forces, dynamics of a system, oscillations, motion of rigid bodies, and LaGrange Equations. (Three hours lectures per week)

Physics 3120. Mechanics II (3)

Continuation of PHYS 3110 (Mechanics I). A presentation of the classical theory of mechanics. Topics include: particle dynamics, central forces, dynamics of a system, oscillations, motion of rigid bodies, LaGrange and Hamiltonian equations, coupled oscillations, and Special Relativity. The students will learn to analyze the motion of 1-dim linear and (some) non linear systems, to implement 2-dim and 3-dim vector calculus operations on simple mechanical system, to analyze motion under a central force, to analyze collisions in a center of mass system, to analyze rigid body motion, to apply Lagrangian and Hamiltonian equations, and to analyze small oscillations and wave propagation in simple continuum systems. (Three lecture hours per

week)

PHYS 3200. Data Acquisition, Control and Analysis (3)

An introduction to the computerization of data acquisition, instrumentation control, and the manipulation and analysis of signals. (One hour lecture and four hours laboratory per week)

PHYS 3210. Laboratory III (2)

Prerequisite: PHYS 2320 and 2410. A study of the experimental basis for modern physics. Fundamental constants of atomic physics will be measured. (Four hours laboratory per week)

PHYS 3220. Laboratory IV (2)

Prerequisite: PHYS 2310 and 2420. A continuation of PHYS 3210 (Laboratory III). An advanced laboratory that explores experiments involving electromagnetic radiation and its interaction with solids. (Four hours laboratory per week)

PHYS 3290. Environmental Physics (3)

A study of physical models of environmental systems and the instrumentation utilized to measure the environmental parameters used in such models. (Two hours lecture and two hours laboratory per week)

PHYS 3310. Modern Physics (3)

Prerequisite: PHYS 2320 or permission of the instructor. A study of special relativity and an introduction to quantum theory and its application to simple systems. Elements of atomic, solid state and nuclear physics will be included. (Three hours lecture per week)

PHYS 3410. Computational Physics I (3)

Prerequisite: Phys 2320 or permission of the instructor. A study of computational modeling and simulation of classical systems including projectile motion, orbital motion, oscillators, and linear and non-linear systems. Students will investigate algorithms, programming, debugging, and analysis of results and data. (Two hours lecture and two hours laboratory per week)

PHYS 3510. Nanotechnology (3)

A course designed to introduce students to the fundamental changes in photonic, electronic and magnetic properties which occur when particle sizes approach atomic and molecular dimensions. It focuses on development of new materials at the atomic and molecular level and to employment of them to achieve novel properties for next generation devices. A goal is to provide students with a design tool based on nanotechnology that will allow them to engineer next generation materials and devices. The course is designed to give students an appreciation of the different properties offered by nanostructured materials, particularly when it comes to their interactions with light, electric and magnetic fields.

PHYS 4110. Thermal Physics (3)

Prerequisites: PHYS 3110 and 3310. A study of the principles of statistical mechanics. Topics include: approach to equilibrium, thermodynamics, property of ideal gases, kinetic theory, equilibrium between phases and chemical species as well as quantum statistics and some applications. (Three hours lecture per week)

PHYS 4220. Mathematical Methods of Physics (3)

Prerequisites: PHYS 3110; MATH 4410. A study of the mathematical methods used in the development of physical theories and models. Topics include: continuum theory and field theory, linear vector spaces, function spaces, partial differential equations, boundary value problems, elements of groups and their representations and their applications in physics. (Three hours lecture per week)

PHYS 4230. Lasers and Applied Optics (3)

Prerequisite: PHYS 3060 or permission of the instructor. A study of classical and modern optical phenomena including geometrical Fresnel and Fourier optics, lasers, fiber optics and optoelectronic devices. (Two hours lecture and two hours laboratory per week)

PHYS 4250. Science Instrumentation (4-5)

An interdepartmental course which provides junior and higher level students majoring in

biology, chemistry and physics with a general knowledge of the theory and application of instrumental methods widely used in science. The course gives practical experience in the operation of instruments and interpretation of the data gathered from these instruments, and shows how these instrumental methods can be used to make measurements and solve problems common to all three of scientific areas. (Two-three lecture and three-five laboratory hours per week)

PHYS 4300. Introduction to Quantum Mechanics (3).

Prerequisites: PHYS 3310, 3060, and 3410. A study of the principles of quantum mechanics, the Schrodinger equations and its applications to 1-dimensional systems, the hydrogen atom, perturbation methods and scattering. (Three hours lecture per week)

Physics 4310. Quantum Mechanics II (3).

A study of the time-independent perturbation theory and its application to the description of the fine structure of Hydrogen, the Zeeman effect, and Hyperfine splitting. Students will use time-dependent perturbation theory to study two level system and the absorption and emission of radiation. Topics include the one and two electron atoms, hydrogen molecule and molecular bond, time-independent and time-dependent perturbation theory, scattering theory, the deuteron problem in nuclear physics, the nature of the nuclear force, and alpha decay. Students will be introduced to partial wave analysis and the Born approximation, the adiabatic approximation, and the variational principle. (Three hours lecture per week)

PHYS 4320. Nuclear and Particle Physics (3)

Corequisite: PHYS 4300. A study of nuclear structure, nuclear reactions, the nuclear force, models of the nucleus, elementary particles, their production and

decays, and their symmetries. (Three hours lecture per week)

PHYS 4330. Solid State Physics (3)

Corequisite: PHYS 4300. A study of symmetries and crystalline structure of solids, electrical and magnetic properties of solids, semi-conductors, low temperature phenomena and excitations in solids. (Three hours lecture per week)

PHYS 4410. Computational Physics II (3).

Prerequisites: Physics 3410, 3060, and 3310. A continuation of Physics 3410 that focuses on modeling and simulating continuously distributed systems. The course includes a study of special functions and Gaussian quadrature, boundary values and Eigen values problems, explicit and implicit methods, relaxation and spectral methods for the solution of partial differential equations, stability of solutions, and Monte Carlo Methods. (Two hours lecture and two hours laboratory per week)

PHYS 4520. Applied Spectroscopy (3).

Prerequisites: PHYS 3310, 3060. A study of the principles of atomic and molecular spectra and the design and operation of spectrometers for the study of these spectra. Attention will be given to applications of spectroscopic techniques in areas such as materials processing, communication, and environmental studies. (Two lectures and two hours laboratory per week)

PHYS 4900. Senior Thesis (1-12).

Prerequisite: Senior classification. Each physics major is expected to complete a project in her/his area of concentration. The student must select a topic and the supervisor of the project from a departmentally approved list by the end of the junior year. The student must produce a written and an oral report. (May be taken in multiple semesters for a maximum of 12 credit hours.)

Pharmaceutical Sciences

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The Department of Pharmaceutical Sciences offers a B.S. Degree. The mission for this Pharmaceutical Sciences is to provide innovative programs to prepare students for leadership positions in biotechnology and pharmaceutical industries. The curriculum is focused on both analytical sciences and laboratory research experiences. These experiences will provide the students with a competitive edge entering into industries or pursuing advanced degrees.

Course requirements for the Bachelor of Science in Pharmaceutical Sciences:

A minimum of 124 semester hours with a cumulative grade point average of 2.75 or higher and 3.0 or higher in courses within the major are required. In freshman year, student will complete General Education Curriculum (GEC), HUSC1521, ENG 1110, ENG 1210.

Sciences and mathematics courses required for the major, MATH 1200, MATH 2010, CHEM 1100, CHEM 1200, BIOL1101 and three courses in major, PHRM1000, BRIT1110 and BRIT1120.

In sophomore year, students are required to take two GEC courses, Art and Humanities I or II and PEDU1541 and 8 sciences courses, PHYS2110, CHEM3100, CHEM3310, BIOL2200, BIOL4200, CHEM 3120, CHEM 3320, BIOL3200 in addition to two courses in major, BRIT2110 and BRIT 2120.

In junior year, students are required to take BIOL4930, CHEM4520, CHEM4500, CHEM4510 and MFLIII in addition to 7 courses in major, PHRM4100, PHRM4130/31, PHRM4111, PHRM4110, PHRM5120, BRIT 3110 and BRIT3120. Students with GPA of 3.0 or higher in the major courses will be placed in an internship opportunity in the summer.

Senior students are required to take two GEC courses, HEDU1531 and HIST1320, and BIOL4620, Eng 1250 and one elective in addition to courses in major, PHRM4120, BRIT4010 and BRIT4020.

Four Year Curriculum Plan – B.S. in Pharmaceutical Sciences**Freshman Year**

Fall Semester			Credits			Spring Semester			Credits		
+ ENG 1110	English Composition I	3	+ENG 1210	English Composition II	3						
=MATH 1200	College Algebra/Trig II	3	=MATH 2010	Calculus I	5						
=CHEM 1100	General Chemistry I	4	=CHEM 1200	General Chemistry II	4						
=BIOL 1101	General Biology I	4									
+HUSC 1521	Dimensions of Learning	2	•PHRM 1000	Anatomy & Phys	3						
*BRIT 1110	BRITE Seminar I	1	*BRIT 1120	BRITE Seminar II	1						

Sophomore Year

Fall Semester			Credits			Spring Semester			Credits		
=PHYS 2110	General Physics I	4	=BIOL 4200	Biostatistics	3						
=CHEM 3100	Organic Chemistry I	3	=CHEM 3120	Organic Chemistry II	3						
=CHEM 3310	Organic Chemistry I Lab	2	=CHEM 3320	Organic Chemistry II Lab	2						
=BIOL 2200	Molecular Biol of Cells	4	+PEDU 1541	Fitness	2						
+Arts and Humanities I or II		3	=BIOL 3200	Microbiology	4						
*BRIT 2110	BRITE Seminar III	1	*BRIT 2120	BRITE Seminar IV	1						

Junior Year

Fall Semester			Credits			Spring Semester			Credits		
=BIOL 4930	Scientific Writing (WI)	3	•PHRM 4130/31	Bioanalytical Chemistry	4						
=CHEM 4520	Biochemistry Lab	1	•PHRM 4111	Biopros & Cell Culture Lab	2						
=CHEM 4500	Biochemistry	3	•PHRM 4110	Biopros & Cell Culture Lec	3						
+MFL III	Mod Foreign Lang	3	=CHEM 4510	Biochemistry	3						
*PHRM 4100	Immun & Virol	3	•PHRM 5120	Biochemistry Lab	2						
*BRIT 3110	BRITE Seminar V	1	*BRIT 3120	BRITE Seminar VI	1						

Summer III – REQUIRED INTERNSHIP**Senior Year**

Fall Semester			Credits			Spring Semester			Credits		
•PHRM 4120	Assay Design	4	+BRITE (Speaking Component Eng 1250)		3						
•BRIT 4010	BRITE I Lab Module	6	•BRIT 4020	BRITE II Lab Module	6						
#BIOL 4620	Bioethics	3	⌘Elective		3						
+HEDU 1531	Health	2	+HIST 1320	World Societies	3						

Total minimum credit hours 124

Distribution of hours:

+ General Education courses – 24

· Core curriculum courses (Pharm. Sci.) - 33

= Other required courses (Science & Math) – 55

⌘ Elective – 3

Bioethics will satisfy the GEC Humanities II requirement – 3

* The 6 (credits) BRITE Seminars satisfy 1 Social Science requirement.

• Seminar 2: FDA regulations, credit hour: 1

• Seminar 3: Quality Assurance, credit hour: 1

• Seminar 4: Introduction to GMP, credit hour: 1

• Seminar 5: Intellectual Properties & Patent Laws, credit hour: 1

• Seminar 6: Team Work Environment, credit hour: 1

BRITE Course Descriptions:

BRITE Seminars

There are six, one-credit hour BRITE seminar courses to be taken in each semester of freshman, sophomore, and junior years.

BRITE Seminar 1: Overview of the Drug Industry (BRIT 1110) 1 This course will detail the process of the drug industry starting from a drug target validation, discovery process, drug development in clinical trials and finally, drug manufacturing.

BRITE Seminar 2: FDA Regulations (BRIT 1120) 1 This course will detail the regulations from Food and Drug Administration (FDA) in drug industry. These include information for Investigational New Drug (IND) and New Drug Application (NDA) to document the safety and efficacy of a drug for human usage.

BRITE SEMINAR 3: Quality Assurance (BRIT 2110) 1: This course will detail the criteria for quality of the final product through a manufacture process which involve many specifications defining and documentation.

BRITE Seminar 4: Introduction to GMP (BRIT 2120) 1 This course will detail the definition of good Manufacturing Practice (GMP), the documentation and regulation of GMP facility.

BRITE Seminar 5: Intellectual Properties & Patent Law (BRIT 3110) 1 This course will detail the intellectual properties and patent laws in the Biomanufacturing and biotechnology business, how to protect the intellectual properties by documentation, and how to respect the patent laws.

BRITE Seminar 6: Team Work Environment (BRIT 3120) 1: This course will detail the personal interaction skills to operate effectively in a team setting, the importance of working in a team, how to work effectively with the supervisor, co-workers and direct reports, and how to address

and resolve a conflict that may arise in a team environment.

BRITE Lab Modules, BRIT 4010 (I) and BRIT 4020 (II): Total credit hours: 12 Independent Study

Microbial and Protein Sciences: (6) Research and projects will be related to the optimization of the scale-up process using recombinant microorganisms and downstream process such as improvement of purification, covalent modifications and folding of active macromolecule.

BRITE Lab Modules, BRIT 4010 (I) and BRIT 4020 (II):
Total credit hours: 12 Independent Study

Microbial and Protein Sciences: (6) Research and projects will be related to the optimization of the scale-up process using recombinant microorganisms and downstream process such as improvement of purification, covalent modifications and folding of active macromolecule.

Mammalian Cell Genomic Sciences: (6) Research and projects will be related to the development of novel cell lines, proprietary media and viral vectors to improve the large production of recombinant proteins under serum-free conditions. Examples are research related to the design of vector carrying the gene for immunoglobulin, express of industrial scales of monoclonal antibodies in stable cell lines, genetic modification of production hosts to increase cell viability.

Bio-analytical Chemistry: (6) Research and projects will be related to the development of highly sensitive analytical methods for the quantification of target molecules in complex biological systems, such as amines, amino acids, peptides, proteins and nucleic acids. Analytical methods include, but not limited to HPLC, LC/MS/MS, TOF-MS, capillary electrophoresis (CE), pressure assisted capillary electrochromatography (PEC) etc.

High throughput Sciences and Biosensor Technology: (6) Research and projects will be related to the development or the application of high throughput detection and biosensing technology, quantitative analysis of macromolecular interactions, such as kinetic analysis of macromolecular stability, macromolecule-ligand interactions etc.

Agriculture technologies: (6) Using cloning and expression for recombination protein production in transgenic plants for Biomanufacturing purposes and pharmaceutical usage.

Target validation Research: (6) Research related to the identification of targets for therapeutic intervention: cancer, cardiovascular, neurodegeneration, infectious disease, metabolic diseases, orphan diseases, drug abuse and other CNS related diseases.

Assay Technologies: (6) Research related to the detection technologies, assay miniaturization, automation, etc.

Medicinal Chemistry: (6) SAR, lead optimization, combi-chem library synthesis.

Chemo-informatics: (6) Molecular modeling, QSAR and Virtual screen.

PHARM 4120: Assay Design (4) This course teaches the skills needed for employment in a research and development entity in the pharmaceutical and biotechnology industries. There will be an overview of the drug discovery process followed by detailed review of assay methods applicable to early phase small-molecule discovery and upstream biologics development. Students will become familiar with different assays employed in the industries as screening tools and learn how to choose relevant assays to determine desired endpoints. Detailed review of protocols to enable, develop, and validate robust assays for target screening, potency and efficacy determinations, selectivity and specificity will be presented.

Prerequisite: CHEM 4500/4520 – Biochemistry & Lab, or with the consent of the instructor.

PHRM 4100: Immunology & Virology (3) An introduction to immunology and virology. Topics will include the basic concepts of immunity. Molecular and cellular composition of the immune system and immune processes that are responsible for defense against pathogens and tumors, and for allergic and autoimmune reactions. Structure and function of viruses, viral diseases, vaccines, cancer, immunological techniques used in industry, use of viruses in the biotechnology industry will all be included within this course. Course will also include theoretical discussion of therapeutic and diagnostic uses of antibodies, sterile technique, hybridoma production, selection and cell cloning. Prerequisite: BIOL 2200 – Molecular Biology of the cells, or with the consent of the instructor.

PHRM 4110 AND 4111: Bioprocessing and Cell Culture Lecture and Lab (5) This course teaches the skills needed to work as a scientist in biotechnology production. Students will grow and monitor bacterial and mammalian cells on a laboratory scale that emulates the large-scale production used in industry. Students will become familiar with the cleaning, sterilization, aseptic inoculation, operation and monitoring of fermenters and bioreactors. Students then recover and purify proteins produced by those cell cultures. They recover and purify proteins using centrifugation, ultra-filtration and chromatography techniques. The course emphasizes the use of current Good Manufacturing Practices (cGMP), and students gain experience following standard operating Procedures (SOP).

Prerequisite: BIOL 2200 – Molecular Biology of the cells, or with the consent of the instructor.

PHRM 5120: Advanced Biochemistry Lab (2) This course will expand on the basic concepts covered in CHEM 4520. Student will deepen their knowledge of and hands-on experience with cloning, bacterial expressing, enzyme purification and assay development. The student will perform a semester-long project that involves amplification of a gene using PCR, cloning the PCR product, expressing the protein in E. coli, purifying the protein, and developing and optimizing an assay to measure enzyme activity. The purification will

employ a state-of-the-art purification system from GE Healthcare, the AKTA System, which is specifically designed for protein purification. Hands-on practical experience will be gained in molecular biology, general biochemical techniques, and fundamental enzymology. Time: 3 lab hours twice a week.

Prerequisite: CHEM 3120/3320 – Organic chemistry and lab, CHEM 4500/4520 – Biochemistry and Lab, or with the consent of the instructor.

PHRM 1000: Anatomy & Physiology (3) This course is an integrated, in-depth study of the anatomy and physiology of the human body, including cells, tissues, integument, skeletal, muscular, and nervous systems and sense organs. Also, emphasis on cardiovascular, lymphatic, respiratory, digestive, endocrine, excretory, and reproductive systems and human development. Prerequisite: BIOL 1101 – General Biology I

PHRM 4130 and 4131: Bioanalytical Chemistry Lecture and Lab (4) Interdisciplinary knowledge is becoming increasingly essential to the modern scientist. Bioanalytical chemistry is an interdisciplinary field in which analytical methods and instruments are used to solve problems of interest in Biology or biochemistry. The goal of this course will be to educate students in analytical methodologies used to separate and characterize compounds resulting from biotechnology and pharmaceutical companies. This course will provide students the opportunity to learn mass spectrometry of small molecules and biomolecules, LC/MS, separation techniques (Gel filtration chromatography, High-performance liquid chromatography (HPLC), spectroscopic techniques (UV-vis absorption, technology. Prerequisites: CHEM 4500/4520 – Biochemistry and lab, or with the consent of the instructor.

Department of Nursing

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The Department of Nursing offers an **upper division** Bachelor of Science Degree Program. Graduates may apply to write the National Council Licensure Examination (NCLEX-RN) for licensure as a registered nurse. The Nursing Program is **accredited** by the National League for Nursing Accrediting Commission and **approved** by the North Carolina Board of Nursing.

The program curriculum has a lower and an upper division, each is two years in length. The lower division courses provide knowledge in the natural sciences, social sciences humanities and pre-nursing content. The upper division is the nursing major. The baccalaureate program establishes the basis for graduate study in nursing.

The purpose of the program is to enable students to acquire the knowledge and skills needed to function as professional nurses in a variety of health care settings. Throughout the curriculum the student will obtain competencies for professional nursing practice including critical thinking, decision making, communication, leadership, and high-tech procedures to respond to changing needs and environments in today's health care settings.

COURSE REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN NURSING

1. Completion of a *minimum* of **126.5** semester hours with a minimum cumulative grade point average (GPA) of 2.0 or higher. All nursing courses must be completed at NCCU.
2. Completion of the General Education Curriculum.
3. The prerequisite courses for the nursing major are:

MATHEMATICS & SCIENCE

MATH 1100: College Algebra/Trig
 CHEM 1000: Physical Science Related to Chemistry
 CHEM 1500: Chemistry and Human Life
 BIOL 1300: Molecules and Cell Function
 BIOL 1610: Human Anatomy & Physiology I
 BIOL 1620: Human Anatomy & Physiology II
 BIOL 3200: Microbiology
 FOOD 2200: Food and Nutrition
 NURS 2010: Concepts of Professional Practice
 NURS 2020: Health Assessment
 NURS 2201: Pathophysiology

Completion of the following major requirements and other support courses: NURS 3001, NURS 3120, NURS 3301, NURS 3460, NURS 3461, NURS 3462, NURS 3470, NURS 3471, NURS 4000, NURS 4001, NURS 4002, NURS 4102, NURS 4201, NURS 4410, NURS 4470, NURS 4471, PSYCH 2100, and Introductory Statistics.

ADMISSION TO THE NURSING MAJOR (UPPER DIVISION)

1. Admission to the University does not guarantee admission to the nursing major. Students must apply for admission to the upper division of the nursing program during the second semester of the sophomore year. Students will be notified, in writing, of admission status. The availability of clinical and instructional resources influence class size, therefore, it is impossible to guarantee admission to every student who meets the requirements.
2. Requirements for Admission into the Nursing Program
 - a. Applicants to the Nursing program must complete a pre-admission assessment examination as part of NURS 2010.

- b. A cumulative GPA of 2.5 and also a GPA of 2.5 in the required Mathematics and Natural Sciences: Biology 1300, 1610, 1620, 3200; Chemistry 1000 and 1500; and Mathematics 1100.
 - c. Completion of all nursing prerequisite courses listed under Course Requirements for the Bachelor of Science in Nursing; NURS 2201, 2010, and 2020.
 - d. Completion of a minimum of 56 semester hours to achieve Junior status.
 - e. Current documentation of sound physical and mental health.
 - f. Completion of the application process for admission to the upper division.
3. When a student submits an application to the Nursing Program they must provide:
- a. Current immunizations and Hepatitis B vaccination or waiver.
 - b. Documented criminal background check.
 - c. Basic Life Support Cardio-Pulmonary Resuscitation certification.

REGISTERED NURSES (RN-BSN) Program

The Department of Nursing supports the concept of educational mobility for returning registered nurses (RNs) and is committed to extending opportunities for RNs to achieve the Bachelor of Science Degree in Nursing.

- * Graduation from an approved basic nursing program.
- * Current and unrestricted license to practice as a registered nurse in State of Employment.
- * Admission to North Carolina Central University.

1. Course Requirements for the Bachelor of Science in Nursing for Registered Nurses

- a. Completion of a *minimum* of 127.5 semester

hours with a cumulative grade point average of 2.0 or higher. The last 33 hours of course credit must be completed at NCCU.

- b. Completion of the General Education Curriculum and prerequisites for the nursing major.
- c. Satisfactory completion of **NURS 4520**, students will receive **63.5** semester hours of advanced placement credits upon successful completion of this course and satisfaction of all admission requirements.
- d. Satisfactory completion of NURS 4140, NURS 4530, NURS 4540, NURS 4550, NURS 4560, NURS 4570 and NURS 4580 and two nursing electives.

TRANSFER OF CREDITS

Transfer credit(s) may be granted for courses completed at an acceptable accredited institution on a course by course basis. (See the current North Carolina Central University Catalog or applicable articulation agreement).

Students are required to submit an official transcript with a grade of "C" or better and may also need a course description from the school catalog.

For students enrolled in the Traditional nursing curriculum, the required math course must have been taken no more than 5 years before admission to NCCU.

Nursing courses from other institutions are not transferable.

Students who do not receive transfer credits on the basis of documentation submitted, have the option of taking an acceptable proficiency examination.

Grades earned from transferred work will not be recorded on the NCCU academic transcript and will not count towards the student's grade point average (GPA).

Students may transfer up to 64 semester hours from a two-year institution including

extension courses, advanced placement, CLEP credit and military service.

Revised by Department of Nursing, Office of Student Support Services – 03/2008

POLICIES FOR READMISSION FOLLOWING WITHDRAWAL

1. Any student in **good academic standing** who withdraws from the nursing program for personal, financial or any other reasons must follow University policy for readmission and may request readmission to the Nursing program.
2. Students who leave the program are not given a refund on nursing fees or the unused portion of the liability insurance, and therefore, must pay for additional coverage upon reinstatement.
3. Readmission is **competitive** and depends on the availability of clinical space and other resources. A letter of readmission status will be sent to the student.
4. Before registering for classes, the student must consult an advisor in the Department of Nursing to plan a program of study.
5. Before a clinical rotation assignment is granted, the student must demonstrate proficiency in appropriate clinical skills.

PROGRESSION IN THE UPPER DIVISION OF NURSING

1. Nursing majors must achieve a minimum of C (75%) in each nursing course in order to continue in the program sequence. Nursing majors must also achieve a minimum of *Satisfactory* for clinical performance in order to pass a clinical course. If a student receives an *unsatisfactory clinical* assessment, a grade of F is assigned to the course.
2. When a student receives an I, D or F in a

nursing course, the student cannot progress to the next sequence of courses without removing the I, D or F in the nursing course. Students recommended for an individualized study plan do not have to apply for readmission.

3. The overall cumulative grade point average at the end of each semester must be at least 2.0 in order to progress to the next semester. Students falling below this average must withdraw from the nursing sequence on academic warning. Continuing nursing advisement will be provided. Petition for readmission or individualized study plan will be considered on an individual basis.
4. Only one repetition of *any* nursing course (NURS course) is permitted. The student must apply for readmission to repeat the failed course.
5. If a student receives a second failing grade (D or F), the student will be permanently dismissed from the nursing program.
6. Decisions regarding readmission or individualized study plan development will be based on the following:
 - a. Student's past academic performance.
 - b. Evidence of potential for successful performance.
 - c. Extent to which extenuating circumstances affected student's performance and whether or not these circumstances have changed or were removed.
 - d. Available space and resources.
7. A student may be dismissed from the nursing program for unprofessional or unsafe conduct as identified in the Rules and Regulations of the North Carolina Board of Nursing, ANA Code for Nurses, and/or Departmental policies.

PROGRESSION IN THE LOWER DIVISION OF NURSING

1. Pre-nursing GENERIC courses (NURS 2010, NURS 2020, NURS 2201) or the RN to BSN

bridge course (NURS 4520) can only be repeated once.

2. If a student receives a second failing grade (D or F) in courses NURS 2010, NURS 2020, NURS 2201 or NURS 4520, the student will be ineligible for admission to the upper division of nursing.

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

FOUR – YEAR TRADITIONAL CURRICULUM PLAN IN NURSING

Lower Division		Upper Division	
Freshman Year		Junior Year	
Fall Semester	Credits	Fall Semester	Credits
*ENG 1110: English Comp I	3	+N3001: Applied Nursing Principles I	0.5
*MATH 1100: College Algebra/Trig I	3	+N3301: Pharmacology	3
*+BIOG 1300: Molecules & Cell Functions	4	+N3460: The Adult I	7
*HUSC 1521: Dimensions of Learning		+N3470: Junior Seminar I	1
*HEDU 1531: Health	2	*+PSYCH 2100: General Psychology	3
*SOCI 2000: Society of Human Behavior	2		
	3		
Freshman Year		Junior Year	
Spring Semester	Credits	Spring Semester	Credits
*ENG 1210: English Comp II	3	+N3120: Applied Nursing Principles II	0.5
*HUM 2410: Arts/Humanities I	3	+N3461: The Adult II	
*ENG 1250: Elements of Speech	3	+N3462: Psych-Mental Health	7
+BIO 1610: Human A&P Dev. I	4	+N3471: Junior Seminar II	5
+CHEM 1000: Physical Science Related to Chemistry	3	*** Statistics	1
**Foreign Language Requirement			3
SOPHOMORE YEAR		SENIOR YEAR	
Fall Semester	Credits	Fall Semester	Credits
*HUM 2420: Arts & Humanities II	3	+N4001: Applied Nursing Principles III	0.5
+CHM 1500: Chemistry of Human Life	3	+N4002: The Family	
+BIO 1620: Human A&P Development II	3	+N4102: The Community	7
+FOOD 2200: Introduction to Human Nutrition		+N 4140: Independent Study	5
*HIST 1320: World Societies	3	+N4470: Senior Seminar I	1-6
			1
	3		
SOPHOMORE YEAR		SENIOR YEAR	
Spring Semester	Credits	Spring Semester	Credits
+N2201: Pathophysiology	2	Nursing Elective (Optional)	3
+BIO3200: Microbiology	4	+N4000: Role Development	3
+N2010: Concepts of Professional Practice	5	+N4201: The Adult	7
+N2020: Health Assessment		+N4410: Nursing Research (WI)	3
*PEDU 1541: Fitness	3	+N4471: Senior Seminar II	1
	2		

TOTAL Minimum Credit Hours: 126.5 *First year students are required to take a placement examination in **English, Math, Biology, and the Foreign Language they studied in high school**. Placement scores in English, Math and Biology will determine the entry level course students must take. Students with deficiencies in English, Math, and Biology will begin with remedial courses and then complete the courses as listed above. **In order to meet **foreign language requirements**, students who place into Level I in their studied foreign language must complete Levels I, II, and III. Students who place into level II must complete levels II and III. Students who place into level III must complete the level III course. ***An introductory course in **Statistics** may be taken in any university department. The Department of Nursing at NCCU reserves the right to modify this information.

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

ACCELERATED CURRICULUM PLAN IN NURSING			
Lower Division		Upper Division Junior Year	
	Credits	Spring Semester	Credits
*ENG 1110: English Comp I	3	+N3301 ACL: Pharmacology	3
*MATH 1100: College Algebra/Trig I	3	+N3460 ACL: The Adult I	7
*BIOG 1300: Molecules & Cell Functions	4	+N3463 ACL: Nursing Skills I	2
*HEDU 1531: Health		+N3470 ACL: Junior Seminar I	1
*SOCI 2000: Society of Human Behavior	2		
*+Statistics	3		
**Foreign Language Requirements	3		
	Credits	Summer I & II Sessions	Credits
*ENG 1210: English Comp II	3	+N3461 ACL: The Adult II	7
*HUM 2410: Arts/Humanities I	3	+N4102 ACL: Community	5
*ENG 1250: Elements of Speech	4	+N3471 ACL: Junior Seminar	1
+BIO 1610: Human A&P Dev. I	3	+N3464 ACL : Nursing Skills II	1
+CHEM 1000: Physical Science Related to Chemistry	3		
*PEDU 1541: Fitness	2		
	Credits	Fall Semester	Credits
*HUM 2420: Arts & Humanities II	3	+N3462 ACL: Psych-Mental Health	5
+CHM 1500: Chemistry of Human Life	3	+N4000 ACL: Role Development	3
+BIO 1620: Human A&P Development II	3	+N4002 ACL: Family Nursing	7
+FOOD 2200: Introduction to Human Nutrition		+N4470 ACL: Senior Seminar I	1
+HIST 1320: World Societies	3		
*+PSY 2100: Psychology	3		
	3		
Fall Semester	Credits	Spring Semester	Credits
+N2201: Pathophysiology	2	+Nursing Elective (Optional)	3
+BIO3200: Microbiology	4	+N4410 ACL: Nursing Research(WI)	3
+N2010: Concepts of Professional Practice	5	+N4201 ACL: The Adult III	7
+N2020: Health Assessment		+N4471 ACL: Senior Seminar II	1
+N2030 : Med-Terminology	3		
	3		

TOTAL Minimum Credit Hours: 128. Second Degree students are **exempt** from the **Dimensions of Learning** course.*In order to meet **foreign language requirements**, students who place into Level I in their studied foreign language must complete Levels I, II, and III. Students who place into level II must complete levels II and III. Students who place into level III must complete the level III course. *Second Degree students that completed a foreign language requirement in a previously earned baccalaureate degree will have met the foreign language requirements for the ABSN program. **An introductory course in **Statistics** may be taken in any university department where offered. The Department of Nursing at NCCU reserves the right to modify this information.

*GEC General Education Core Curriculum Courses

+Nursing Required Courses

SI = Speaking Intensive

WI = Writing Intensive

RN TO BSN CURRICULUM PLAN IN NURSING

Lower Division		Upper Division	
Freshman Year		Junior Year	
Fall Semester	Credits		Credits
*ENG 1110: English Comp I	3	*Student Receives 66.5 Advanced Placement Credits After Successful Completion of NURS 4520	66.5
*+MATH 1100: College Algebra/Trig I	3		
*HIST 1320: World Societies	3		
		*BIOG 1300: Molecules & Cell Functions	
		*BIO 1610: Human A&P Dev. I	
		*BIO 3200: Microbiology	
		*CHEM 1000: Physical Science related to Chem.	
		*BIO 1620: Human A&P Development II	
		*FOOD 2200: Food & Nutrition	
		*CHEM 1500: Chemistry of Human Life	
		*N2201: Pathophysiology	
		*N2010: Concepts of Professional Practice	
		*N2020: Health Assessment	
		*N3460: The Adult I	
		*N3470: Junior Seminar I	
		*N3301: Pharmacology	
		*N3001: Applied Nursing Principles I	
		*N3461: The Adult II	
		*N3462: Psychiatric/ Mental Health	
		*N3471 Junior Seminar II	
		*N3120: Applied Nursing Principles II	
		*N4002: The Family	
		*N4001: Applied Nursing Principles III	
SOPHOMORE YEAR		SENIOR YEAR	
Fall Semester	Credits	Fall Semester	Credits
*PEDU 1541: Fitness	2	+N4530: Health Assessment	3
*ENGL 1250: Elements of Speech	3	+N4540: Special Health Care Problems for RNs	3
*SOCI 2000: Society of Human Behavior	3	+N4550: Nursing Research	3
SOPHOMORE YEAR		SENIOR YEAR	
Spring Semester	Credits	Spring Semester	Credits
*HEDU 1531: Health	2	+N4560: Professional Role Development	3
*HUM 2420: Arts/Humanities II	3	+N4570: Senior Seminar for RNs	
***+Statistics	3	+N4580: Community/ Mental Health Nursing for RNs	1
+N4520: Intro, to Professional Nursing	3		5
<i>(This is the Pre-nursing bridge course needed to matriculate into the Nursing Program)</i>			

TOTAL Minimum Credit Hours: 121.5 * **Will receive 64.5 advance placement credit hours.**** First year students are required to take a placement examination in the desired **foreign language**. Students who place into Level I in their studied foreign language must complete Levels I, II, and III. Students who place into level II must complete levels II and III. Students who place into level III must complete the level III course. A student who places beyond Level III will have met the language requirement for the University abs no further course work is required.***An introductory course in **Statistics** may be taken in any university department where offered. The Department of Nursing at NCCU reserves the right to modify this information.

NURSING COURSE DESCRIPTIONS

NURS 2010. Concepts of Professional Practice (5)
Prerequisites: Sophomore status, Bio 1610, Bio 1620, SOCI 2000, Food 2200, and a minimum GPA of 2.5 and also a GPA of 2.5 in the required mathematics and Natural Sciences. Co-requisite: None. A theory and simulated laboratory course which begins to develop the foundation for professional nursing practice. Students learn beginning psychomotor skills necessary for the care of clients.

NURS 2020. Health Assessment (3)
Prerequisites: Sophomore status, BIO 1610, BIO 1620, SOCI 2000, Food 2200, a minimum GPA of 2.5, and also a GPA of 2.5 in the required mathematics and Natural Sciences, NURS 2010 (or concurrent) or permission of the Chair. Co-requisite: None. A theory and simulated laboratory course that focuses on comprehensive health assessment knowledge and skills for the provision of nursing care across the life-span.

NURS 2030. Medical Terminology (3)
Prerequisites: None. Co-requisites: None. This course provides a basic introduction to medical terminology, with a focus on body systems. It provides the student with guided practice and assessment of prefixes, suffixes, word roots, and combining forms. It includes vocabulary, definitions, spelling, and pronunciation. A problem-solving approach to learning is the key strategy and focus of this course.

NURS 2201. Pathophysiology (2)
Prerequisite: BIO 1610, BIO 1620. Co-requisites: None. Through the epidemiological approach, this course focuses on disease processes related to physiological alterations. The relationship between nursing diagnosis and pathophysiological conditions is emphasized.

NURS 3001. Applied Nursing Principles I (0.5)
Prerequisite: Admission to the Upper Division of the nursing major. Co-requisites: NURS 3301, NURS 3460, NURS 3470. Student develops psychomotor skills necessary to care for adult

clients with acute physiological alterations.

NURS 3120. Applied Nursing Principles II (0.5)
Prerequisites: NURS 3001, NURS 3301, NURS 3460 and NURS 3470, PSYCH 2100. Co-requisites: NURS 3461, NURS 3462, and NURS 3471. The student develops psychomotor skills necessary to care for adult clients with acute and/or chronic physiological alterations.

NURS 3301. Pharmacology in Nursing (3)
Prerequisite: Admission to the Upper Division of the nursing major. Co-requisites: NURS 3001, NURS 3460, and NURS 3470. Focuses on pharmacological therapy and the role of the nurse in the use of pharmacologic agents in the treatment, management and prevention of health problems across the life-span.

NURS 3460. Nursing Care of the Adult I (7)
Prerequisite: Admission to the Upper Division of the nursing major. Co-requisites: NURS 3001, NURS 3301, and NURS 3470. Introduction to the care of adults across the life-span. The focus is on the care of clients with acute and chronic physiological alterations in primary and secondary health care settings.

NURS 3461. Nursing Care of the Adult II (7)
Prerequisites: NURS 3001, , NURS 3301, NURS 3460, and NURS 3470. Co-requisites: NURS 3120, and NURS 3471. Continues the concepts presented in Adaptation I. Students will apply the nursing process in the care of adult clients with acute physiological alterations.

NURS 3462. Psychiatric-Mental Health Nursing (5)
Prerequisites: NURS 3001, NURS 3301, NURS 3460 and NURS 3470, and PSYCH 2100. Co-requisite: NURS 3120 and NURS 3471. This theory/practicum course explores the application of nursing theories relevant to the nursing care of clients exhibiting maladaptive behavior. The related clinical experiences are directed primarily toward clients requiring in-patient psychiatric care.

NURS 3470. Junior Seminar I (1)

Prerequisite: Admission to the nursing major. Co-requisites: NURS 3001 and NURS 3460. Introduces professional and personal skills that include communication, critical thinking and inquiry skills.

NURS 3471. Junior Seminar II (1)

Prerequisites: NURS 3001, NURS 3301, NURS 3460, and NURS 3470. Co-requisites: NURS 3120, NURS 3461, PSYCH 2100 and NURS 3462. Focuses on additional professional and personal skills that include problem-solving, teaching and learning and critical thinking.

NURS 4000. Professional Role Development (3)

Prerequisites: NURS 4001, NURS 4002, NURS 4102, and NURS 4470. Co-requisites: NURS 4201 and NURS 4471. An analysis of sociopolitical and ethical issues and concepts that are directly related to professional nursing practice in an evolving health care system. The role of the nurse as a leader and manager is emphasized.

NURS 4001. Applied Nursing Principles III (0.5)

Prerequisites: Completion of Junior year nursing courses. Co-requisites: NURS 4002, NURS 4102, and NURS 4470. The student develops psychomotor skills necessary to care for childbearing and child-rearing families.

NURS 4002. Nursing Care of the Family (7)

Prerequisites: Completion of Junior year nursing courses. Co-requisites: NURS 4001, NURS 4102 and NURS 4470. Uses the nursing process to focus on normal and altered functions of the woman and family in the childbearing cycle. Developmental concepts are emphasized as the basis of care for the childbearing family with acute, chronic and preventive health care needs.

NURS 4102. Community Health Nursing (5)

Prerequisites: Completion of Junior year nursing courses. Co-requisites: NURS 4001, NURS 4002, and NURS 4470. Explores the nature and scope of community health nursing practice. The focus is on providing care to individuals, families and aggregates using the levels of prevention as a framework.

NURSING COURSE DESCRIPTIONS FOR THE ACCELERATED BACCALAUREATE OF SCIENCE IN NURSING

NURS 3463ACL. Nursing Skills I for Evidence-based Practice (3)*

Prerequisite: Admission to the Upper Division of the nursing major. NURS 2201ACL, NURS 2210ACL, NURS 2020ACL, NURS2030. Co-requisites: NURS3460ACL. This is a theory and simulated laboratory course which begins to develop the foundation for professional nursing practice. Students learn psychomotor skills necessary for the care of clients in the medical surgical setting.

NURS 3464ACL. Nursing Skills II for Evidence-based Practice (3)*

Prerequisite: Admission to the Upper Division of the nursing major. NURS 2201ACL, NURS 2210ACL, NURS 2020ACL, NURS2030, N3301ACL, N3460ACL, N3463ACL, N3470ACL. Co-requisites: NURS3460ACL. This is a theory and simulated laboratory course which begins to develop the foundation for professional nursing practice. Students learn psychomotor skills necessary for the care of clients in the family setting.

NURSING COURSE DESCRIPTIONS FOR THE REGISTERED NURSE

NURS 4140. Independent Study (1-6)

Prerequisite: Senior standing or permission of the Chair. Co-requisites: None. Study of special nursing topics or problems which are of specific interest to the student and approved by the faculty.

NURS 4150. Special Topics in Nursing Practice (3)*

Prerequisite: None. Co-requisites: None. An examination of selected influential social, ethical, cultural, political and economic forces in the internal and external environments of complex client care systems.

NURS 4201. Nursing Care of the Adult with Complex Health Problems (7)

Prerequisites: NURS 4001, NURS 4002, NURS 4102, and NURS 4470. Co-requisites: NURS 4471. Focuses on the nursing care of clients with

complex health problems. Learning experiences include an internship that is designed to foster transition to the role of professional nurse at a beginning level.

NURS 4230. Transcultural Health Care (3)*
Prerequisite: Senior standing. Using the conceptual framework of transcultural health care, the culture of major ethnic and racial groups is explored. Students are encouraged to develop an awareness of each person as a unique system influenced by cultural life-ways.

NURS 4330. Health Adaptation and Aging (3)*
Prerequisite: Senior standing. An overview of applicable theories of aging and related concepts are reviewed. Selected high risk stressors of the aged are addressed and improved adaptation to aging are covered.

NURS 4410. Nursing Research (3)
Prerequisites: Introductory Statistics, NURS 4001, NURS 4002, NURS 4102, and NURS 4470. Co-requisite: None. Focuses on the research process. Students learn the steps of the research process and how to critique research findings.

NURS 4470. Senior Seminar I (1)
Prerequisites: Completion of Junior year nursing courses. Co-requisites: NURS 4001, NURS 4002, and NURS 4102. Emphasis is on role transition and synthesis of knowledge and competencies. Topics such as career pathways and self-appraisal of professional competencies are explored.

NURS 4471. Senior Seminar II (1)
Prerequisites: NURS 4001, NURS 4002, NURS 4102 and NURS 4470. Co-requisites: NURS 4201. A continuation of Senior Seminar I. Emphasis is on role transition and synthesis of knowledge and competencies. Topics such as networking and values clarification are explored.

NURS 4230. Transcultural Health Care (3)*
Prerequisite: Senior standing. Using conceptual framework of transcultural health care, the culture of major ethnic racial groups is explored. Students are encouraged to develop an awareness of each person as a unique system influenced by cultural life-ways.

NURS 4330. Health Adaptation and Aging (3)*
Prerequisite: Senior standing. This is an overview of applicable theories of aging and related concepts are reviewed. Selected high Risk stressors of the aged are addressed and improved adaptations to aging are covered.

NURS 4520. Introduction to Professional Nursing for RNs (4)
Prerequisite: Unrestricted RN licensure, PSY 2100, and SOCI 2000. Co-requisites: None. Course introduces the registered nurse to professional nursing practice through nursing history, concepts of nursing theory, nursing process, and care planning.

NURS 4530. Health Assessment for RNs (3)
Prerequisites: Admissions to Upper Division and Unrestricted RN licensure. Co-requisites: None. Course develops health assessment skills for obtaining health histories and performing physical examinations. Selected abnormal findings will be included to assist the student with detecting deviations from normal functioning and behavior.

NURS 4540. Special Health Care Problems for RNs (6)
Prerequisites: Admission to Upper Division and Unrestricted PN Licensure. Co-requisite: None. Course combines nursing process and nursing theories to enable the student to function as a collaborative member of the health care team. Problem-solving and critical thinking are used as a framework for professional nursing practice.

NURS 4550. Nursing Research for RNs (3)
Prerequisites: Admission to Upper Division. Unrestricted RN licensure and Introductory Statistics. Co-requisites: None. Course focuses on the research process. Students learn how to apply the steps of the research process and how to critique research findings.

NURS 4560. Professional Role Development for RNs (3)
Prerequisites: Unrestricted RN licensure, NURS 4530, NURS 4540, and NURS 4550. Co-requisite: None. Course provides an analysis of sociopolitical and ethical issues and concepts that are directly related to professional nursing

practice in an evolving health care system. The role of the nurse as a leader and manager is emphasized.

NURS 4570. Senior Seminar for RNs (1)

Prerequisites: Unrestricted RN licensure, NURS 4530, NURS 4540, NURS 4550. Co-requisite: None. Course explores the nature and scope of community health and mental health nursing using levels of prevention as a framework.

NURS 4580. Community Health for RNs (6)

Prerequisites: Unrestricted RN licensure, NURS 4530, N4540, NURS 4550. Co-requisite: None. Course explores the nature and scope of community health and mental health nursing using levels of prevention as a framework.

***Nursing Electives**

School of Business

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History, Purpose, and Objectives

Management education at North Carolina Central University can be traced to the year 1910, when the institution first opened its doors to students. University documents indicate that plans were drafted during the 1926-27 academic year for the establishment of a professional School of Commerce. Despite the absence of complete information of the actual operations of the School of Commerce, it is apparent that in addition to exemplary programs in the arts and sciences, business programs have long enjoyed a place of prominence at the University. An unprecedented growth in student interest and enrollment caused University officials to plan the establishment of a professional school devoted to studies in business administration and management.

On July 1, 1972, the Department of Business and Economics separated from the Undergraduate School of Arts and Sciences and became the School of Business. Programs offered by the School are designed to provide the student ample opportunity to develop views, attitudes and values regarding society--its institutions, progress, and problems. The participating student is provided a working knowledge of principles and procedures that are fundamental to his or her future role as a manager or executive. The objective of the School of Business is to provide each student with the knowledge of an entry-level specialist in one of the major fields of business administration and management. The arts and sciences, common body of knowledge, and concentration components of the curriculum have been designed with the previously cited purposes in mind.

While the School of Business cannot provide students a prescription for successfully coping with managerial problems of the future, it can cultivate the students' capacity for accurate problem definition, sound analysis, problem synthesis, and effective communication of problems and their probable amelioration. Through the concentrated examination of case studies, completion of individual and group projects, and the study of problems from the business community, students can become experienced in bringing structure and order to multi-faceted and ill-defined managerial problems.

While the vast majority of the School's resources are devoted to its instructional programs, organized inquiry by the faculty and students is encouraged and supported.

The School of Business is fully accredited by The Association to Advance Collegiate Schools of Business International (AACSB) and the Association of Collegiate Business Schools and Programs (ACBSP). The Hospitality and Tourism Program is internationally accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA).

Mission

The School of Business at North Carolina Central University provides dynamic, global management education to a diverse student population.

WE achieve our mission through innovative teaching, supported by research and professional service, with a focus on experiential learning, technology integration, business partnering, and community service.

WE provide a professional, caring, and intellectually stimulating learning environment through small classes, faculty accessibility, and teamwork.

WE capitalize on the unique opportunities provided by our location in the Research Triangle area.

Shared Values

1. Every student's preparation for life-long learning is important.
2. Ethics, honesty, integrity, fairness, and a commitment to excellence guide all our actions.
3. We encourage and reward teamwork, as well as individual expression, leadership, and innovation.
4. Clear and open communication among students, faculty, and staff is essential for achieving our mission.
5. Effective management education includes both theoretical and practical dimensions.
6. Continual service to the community is a fundamental responsibility of our students, faculty, and staff.

Undergraduate Admissions

Admission of undergraduate students to the School of Business is limited and competitive. Admission to North Carolina Central University, while obviously required, does not constitute admission to the School of Business or to business programs.

Admission of Freshmen

Qualified freshmen may be admitted directly into the School of Business, subject to the availability of space. Freshman applicants interested in admission to the School of Business, with fewer than 15 semester hours of acceptable credits, must have satisfied requirements for admission to North Carolina Central University. In addition, applicants will be evaluated based on SAT scores (at least 820) and high school cumulative grade point averages (at least 2.300 (in-state) and 2.500 (out-of-state)). ACT scores (minimum of 17) may substitute as equivalent SAT scores. Applicants not accepted may reapply after

completing at least 15 semester hours of study at North Carolina Central University in another school or college.

Admission from another School or College at North Carolina Central University

University students with an interest in one of the business baccalaureate degree programs who were not admitted to the School of Business as freshmen may seek admission to the School of Business after completing at least 15 semester hours of study at the University and earning at least a 2.0 cumulative grade point average. (This requirement also applies to students seeking to change their major to business.)

All applicants will be evaluated based on their ranked cumulative grade point averages, university awards and activities, and potential for success in the study of business. Applicants not accepted may reapply after completing at least 15 additional semester hours of study at North Carolina Central University.

Transfer Students

Students transferring to North Carolina Central University, with the objective of earning the Bachelor of Business Administration (B.B.A.) or Bachelor of Science (B.S.) degree will be considered for admission to the School of Business in accordance with the following rules:

1. Transfer students will be considered for admission to the School of Business if the student has earned at least a 2.0 cumulative grade point average for at least 15 semester hours of study at a regionally accredited college or university.
2. Transfer students who gain admission to North Carolina Central University but who do not gain admission to the School of Business may apply or reapply for admission in accordance with the process described in the previous section.

3. Students transferring from regionally accredited colleges or universities may receive transfer credits for business courses completed at the institution from which they transfer if, and only if,
 - a. They earn a grade in the course that is equivalent to at least a "C" at North Carolina Central University,
 - b. The course is applicable to programs offered by the School of Business, and
 - c. The course is comparable, as determined by appropriate School of Business faculty, in content and quality to the course for which the student seeks transfer credit.
4. Students must complete at least 50 percent of the business course requirements at North Carolina Central University.

Credit for Transfer Work by NCCU Students

The School of Business faculty believes that, generally, all course work for business degrees should be completed at North Carolina Central University. Nonetheless, under special conditions, NCCU students may be approved to complete, at other institutions, up to two courses that satisfy the business course requirements. However, under no circumstances are students allowed to take more than 50 percent of the total business course requirements at another institution.

After matriculating at NCCU, a student may not pursue courses of any type at another institution for transfer credit for a degree from NCCU without obtaining, in advance of registration, written permission from the dean of the school in which the student is registered at NCCU. Business students with an interest in pursuing courses at other regionally accredited institutions should obtain from the Office of the Dean, School of Business, the document "Guidelines for Transfer Credits."

Undergraduate Curriculum

Undergraduate programs are designed to provide participating students an appreciation and understanding of the social, political, and economic environment of business. Consistent with most comprehensive programs in business administration and management, the faculty of the School of

Business firmly supports the thesis that professional studies in business can be best achieved with a solid liberal arts foundation. Consequently, the initial two years of the traditional four-year baccalaureate program, devoted to the preparation in the humanities, fine arts, behavioral sciences, natural sciences, social sciences, and the mathematical sciences, are a necessary prerequisite for professional study in business administration and management.

Undergraduate programs have been structured to ensure that each student has a firm grasp of the major principles and practices involved in the management of complex business and industrial organizations. The third year of study is devoted chiefly to acquiring the common-body-of-knowledge skills. Advanced study in a selected field is devoted largely to the fourth year.

In general, all programs leading to a baccalaureate degree in business are comprised of:

1. The General Education Curriculum (GEC) requirements,
2. The Common-Body-of-Knowledge requirements, and
3. The major or concentration requirements. (The School's undergraduate programs have been structured such that at least 50 percent of a student's course work is devoted to studies in the general education curriculum.)

The General Education Curriculum requirements, the Common-Body-of-Knowledge

requirements and the major or concentration requirements are outlined below:

General Education Curriculum (GEC)

I. Communication Skills (12 credit hours)

ENG 1110	English Composition I	3
ENG 1210	English Composition II	3
ENG 1250	Elements of Speech	3
Foreign Language (Level III)		3

II. Mathematics and Science (15-17 credit hours)

MATH 1100	College Algebra/Trigonometry I	3
MATH 1210	Finite Mathematics	3
MATH 2000	Calculus	3
Science Electives (two required) 6-8		

III. Social Sciences (15 credit hours)

SOCI 2000	Society and Behavior	3
HIST 1320	World Societies	3
PSY 2100	General Psychology	3
ECON 2200	Principles of Macroeconomics	3
ECON 2300	Principles of Microeconomics	3

IV. Arts and Humanities (6 credit hours)

HUM 2410 or 2420	Arts and Humanities I or II	3
Arts and Humanities Elective		3

V. Health and Wellness (4 credit hours)

HEDU 1531	Health	2
PEDU 1541	Fitness	2

VI. Social and Career Enhancement/Development (2 credit hours)

HUSC 1521	Dimensions of Learning	2
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Common-Body-of-Knowledge Requirements

All candidates for the Bachelor of Business Administration (B.B.A.) and the Bachelor of Science (B.S.) in Computer Information Systems degree are required to satisfactorily complete the Common-Body-of-Knowledge requirements. All undergraduates are required to complete

the 40 semester credits as prescribed below.

With respect to the Common-Body-of-knowledge requirements, satisfactory completion is defined as completion of the common-body-of-Knowledge course sequence with a minimum grade point average of 2.0 and with no more than two courses with a grade of "D." The following courses comprise the Common-Body of- Knowledge requirements:

First Year Courses

CIS 1100	Business Computer Applications
MGT 1100	Career Planning-PD I

Second Year Courses

ACCT 2400	Principles of Accounting I
ACCT 2500	Principles of Accounting II
DSC 2010	Elementary Statistics
MGT 2100	Business Protocol-PD II

Third Year Courses

MGT 3000	Organization and Management
MGT 3100	Business Communications-PD III
MKT 3210	Principles of Marketing
DSC 3020	Statistical Analysis
DSC 3300	Decision Sciences
ACCT 3100	Legal Environment of Business I
FIN 3200	Principles of Finance

Fourth Year Courses

MGT 4100	Career Management-PD IV
MGT 4740	Strategic Management

The School of Business faculty reserves the right to change (with notice) the program requirements and policies of degree programs in leading to the B.B.A. and B.S. degrees.

Curricular Concentrations

In addition to the General Education Curriculum and the Common-Body-of- Knowledge requirements, undergraduates are required to satisfactorily complete a prescribed set of major or concentration courses. The School of Business offers majors in Accounting, Business

Administration, Computer and Information Systems, and Hospitality and Tourism Administration. The Business Administration major includes concentrations in finance, general business, management, and marketing. Program requirements follow.

Accounting Program

Accounting is a major designed for those students preparing for careers in public, private, and governmental accounting. The curriculum and related courses have been designed to provide students with the necessary accounting background for understanding the broad operational aspects of a business organization, and to provide students with an in-depth understanding of accounting theory and concepts, preparation and interpretation of financial statements, and techniques of financial analysis. The Bachelor of Business Administration (B.B.A.) degree program with a major in accounting requires the satisfactory completion of the specified curriculum.

Business Administration Program, Finance Concentration

The Bachelor of Business Administration (B.B.A.) degree program with a concentration in Finance combines the study of business administration and management with the specialized knowledge about the financial aspects of business operations. Developed in the graduate are the theories and skills essential to the field of finance; the understanding of the theory and practice of financial management from the viewpoints of the corporation, the manager, the investing public, and the regulatory agencies; the economic, legal, political, technological, and social character of the business environment; and the principles and procedures which are fundamental to the successful operation of modern enterprises. The Bachelor of Business Administration (B.B.A.) degree program with a concentration in Finance requires the satisfactory completion of the specified curriculum.

Business Administration Program, General Business Concentration

Undergraduate students may elect to earn the Bachelor of Business Administration (B.B.A.) degree by completing a General Business concentration. The Bachelor of Business Administration (B.B.A.) degree program with a concentration in General Business requires the satisfactory completion of the specified curriculum.

Business Administration Program, Management Concentration

The concentration in Management will aid those who seek positions as professional administrators, executives, production managers, or personnel and industrial relations managers. While success as a professional manager depends on many factors other than formal education, the academic program in management is designed to accent those concepts which develop the student's analytical and problem-solving abilities. The Bachelor of Business Administration (B.B.A.) degree program with a concentration in Management requires the satisfactory completion of the specified curriculum.

Business Administration Program, Marketing Concentration

The Marketing concentration is devoted to an intensive coverage of those activities related to the delivery of goods and services from the producing organization to the end user. The Marketing concentration represents an ideal preparation for professional positions in selling, purchasing, procurement, promotion, and physical distribution. Opportunities for careers in marketing include commercial banks, non-profit institutions and retailing organizations. The Bachelor of Business Administration (B.B.A.) degree with a concentration in Marketing requires the satisfactory completion of the specified curriculum.

Computer Information Systems Program

The Bachelor of Science (B.S.) in Computer Information Systems degree program is designed to assist students in preparing for entry-level positions in the expanding field of computers and information systems. The curriculum is structured such that matriculating students will be provided the skills and experiences necessary for the analysis, design, and implementation of computerized information systems. This program is designed to prepare students to function effectively as systems analysts/developers, business analysts, and customer support administrators.

Hospitality and Tourism Administration Program

The Bachelor of Science (B.S.) degree in Hospitality and Tourism Administration is a 128-semester hour professional management program. Students receiving the hospitality and tourism degree earn 23 semester hours in the business curriculum. Students majoring in Hospitality and Tourism Administration are prepared to become hospitality professionals who possess the knowledge, managerial skills and competencies to obtain entry level management positions and assume leadership roles in various aspects of this global and dynamic industry. The job placement rate of graduates varies from 97% - 100% each academic year. Graduates of the program are employed in lodging, food and beverage service, convention and visitors bureaus, event management, resorts, conference centers, cruise lines, and airlines.

The program's Mission is to educate and empower a diverse population of students for leadership and professional roles within the global hospitality and tourism industry, through academic excellence, community service, and industry work experience. The vision and objectives may be viewed on the School of Business website.

Minor In Business

Students enrolled at the university may seek a minor in business. The total number of semester hours that must be satisfactorily completed by a student seeking a minor in business is at least 21 hours.

Students seeking the business minor are required to take ACCT 2400 and ECON 2200. The student must take a minimum of five courses from the following list of electives (after completing the appropriate prerequisites): ACCT 2500, 3100; CIS 1100; DSC 2010; ECON 2300; FIN 3200; MGT 3000, 3400; MKT 3210; and the series of Professional Development courses (MGT 1100, 2100, 3100, and 4100). All courses included in the minor must be passed with a grade of "C" or better.

Academic Policies

Programs leading to the Bachelor of Business Administration (B.B.A.) degrees in Accounting and in Business Administration and the Bachelor of Science (B.S.) degree in Computer Information Systems consist of the following components:

- (1) General Education Curriculum (GEC),
- (2) The Common-Body-of-Knowledge requirements, and
- (3) The major or concentration requirements. Each candidate for a B.B.A. or B.S. degree must satisfy the following conditions:
 1. Be formally admitted to the School of Business;
 2. Complete at least 124 semester hours of credit;
 3. Satisfy the General Education Curriculum, Common-Body-of-Knowledge, and the major or concentration requirements;

4. Compile a minimum cumulative grade point average of 2.0 for all course work completed at North Carolina Central University;
 5. Complete each prescribed course of the major or concentration and departmental electives requirements with a grade of "C" or better;
 6. Complete the Common-Body-of-Knowledge requirements with no more than six semester hours of credit with grades of "D";
 7. Complete each prescribed mathematics course with a grade of "C" or better;
 8. Complete prerequisite courses with a grade of "C" or better; and
 9. Complete the Common-Body-of-Knowledge requirements with a minimum cumulative grade point average of 2.0.
2. Complete 1,000 hours of work experience through internships;
 3. During the freshman and sophomore years, complete the General Education Curriculum requirements (except that students should take MATH 1100 rather than MATH 1070);
 4. Complete the following courses in the business curriculum ACCT 2400, ACCT 2500, ECON 2200, ECON 2300, CIS 1100, DSC 2010; FIN 3200, MGT 1100, MGT 2100, MGT 3000, MGT 3100, MGT 4100 and MKT 3210.
 5. Complete the specified Hospitality and Tourism curriculum; and
 6. Complete all major courses with a grade of "C" or better.

Academic Programs

The program leading to the Bachelor of Science (B.S.) degree in Hospitality and Tourism Administration is comprised of the following components: 1) the General Education Curriculum; and 2) the business requirements. Each candidate for the degree must satisfy the following conditions:

1. Complete a minimum of 128 hours with a cumulative grade point average of at least 2.0 (the last 30 hours must be completed at NCCU);

Students are required to enroll in courses at the proper level. Courses with numbers 0-1999 are typically freshmen level courses; courses with numbers 2000-2999 are typically sophomore level courses; and courses with numbers 3000-4999 are junior and senior level courses. Students enrolling in a business course without the proper prerequisites risk forfeiting any credits they might earn.

Four-Year Curriculum Plan in Accounting Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG 1110	English Composition 1	3	*ENG 1210	English Composition II	3
*MATH 1100	College Alg/Trig 1	3	*ENG 1250	Elements of Speech	3
*Modern Foreign Language III		3	*MATH 1210	Finite Mathematics	3
+CIS 1100	Business Computer Appl	3	*SCI GEC Requirement		3
*HUSC 1521	Dimensions of Learning		+ECON 2300	Principles of Microeconomics	3
+MGT 1100	Career Planning-PD I	2			

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*SOCI 2000	Society & Human Behavior	3	+DSC 2010	Elementary Statistics	3
*HIST 1320	World Societies	3	*HUM 2410 or 2420		3
+ECON 2200	Principles of Macroeconomic	3	+ACCT 2500	Principles of Accounting II*	3
+ACCT 2400	Principles of Accounting I*	3	&Unrestricted	Elective	3
*MATH 2000	Calculus	3	*HEDU 1531	Health	2
+MGT 2100	Business Protocol-PD II	2	*PEDU 1541	Fitness	2

Junior Year

Fall Semester		Credits	Spring Semester		Credits
=ACCT 3600	Intermediate Accounting I	3	=ACCT 3620	Intermediate Accounting II	
=ACCT 4110	Cost Accounting	3	+DSC 3300	Decision Science	3
+DSC 3020	Statistical Analysis	3	+FIN 3200	Principles of Finance	3
+MGT 3000	Organization & Management	3	+MKT 3210	Principles of Marketing	3
+MGT 3100	Business Communication-PD III	2	*HUM GEC Requirement		3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
+ACCT 3100	Legal Envir of Business I	3	=ACCT 3120	Legal Envir of Business II	3
=ACCT 4300	Advanced Accounting	3	=ACCT 4320	Auditing	3
=ACCT 4400	Federal & State Income Tax	3	#Accounting	Elective	3
#Accounting	Elective	3	+MGT 4740	Strategic Management	3
+MGT 4100	Career Management-PD IV	2	*SCI GEC Requirement		3
*PSY 2100	General Psychology	3			

Course credits required (due to Placement Testing results) cannot be used to satisfy the School of Business requirements.

*Accounting majors are required to complete ACCT 2400-Principles of Accounting I and ACCT 2500- Principles of Accounting II with a grade of "B" or better.

The two accounting electives are selected from among the following courses: ACCT 3630, ACCT 4020, ACCT 4120, ACCT 4220, ACCT 4720, and MGT 4801. Each course used to satisfy the Accounting major and the restricted elective requirements must be completed with a minimum grade of "C."

Unrestricted electives may be selected from among all courses offered by the University. Unrestricted non-business electives must be selected from among courses in areas other than business. In both instances, students must obtain prior written approval.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*Core Curriculum Courses – 48

+Common Body of Knowledge Required Courses – 46

=Accounting Required Courses – 21

#Accounting Electives – 6

&Unrestricted Electives - 3

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Computer Information Systems

Freshman Year

Fall Semester			Credits	Spring Semester			Credits
+CIS 1100	Business Computer Appl		3	=CIS 1200	Adv. Bus. Comp. Applications		3
*ENG 1110	English Composition I		3	=CIS 1300	Intro to Bus Programming		3
*MATH 1100	College Alg/Trig I		3	*ENG 1210	English Composition II		3
*Modern Foreign Language III			3	*ENG 1250	Elements of Speech		3
*HUSC 1521	Dimensions of Learning		2	*MATH 110	Finite Mathematics		3
+MGT 1100	Career Planning-PD I		1				

Sophomore Year

Fall Semester			Credits	Spring Semester			Credits
#CIS Programming Course (CIS 2000/2300)			3	#CIS Elective/Programming Course (CIS 2100)			3
=CIS 2200	Info Tech & System Software		3	+ACCT 2500	Principles of Accounting II		3
+ACCT 2400	Principles of Accounting I		3	+DSC 2010	Elementary Statistics		3
+ECON 2200	Principles of Macroeconomics		3	+ECON 2300	Principles of Microeconomics		3
*MATH 2000	Calculus		3	*SOCI 2000	Society & Human Behavior		3
+MGT 2100	Business Protocol-PD II		2	*PEDU 1541	Fitness		2

Junior Year

Fall Semester			Credits	Spring Semester			Credits
=CIS 3400	Management Info Systems		3	=CIS 3440	Database Mgt Systems		3
+DSC 3020	Statistical Analysis		3	+ACCT 3100	Legal Envir of Business I		3
+MGT 3000	Organization & Management		3	+DSC 3300	Decision Science		3
+MKT 3210	Principles of Marketing		3	+FIN 3200	Principles of Finance		3
+MGT 3100	Business Communication-PD III		2	*HIST 1320	World Societies		3
&Unrestricted	Elective		3	*HEDU 1531	Health		2

Senior Year

Fall Semester			Credits	Spring Semester			Credits
=CIS 4600	System Analysis & Design		3	=CIS 4640	System Design/Implem		3
=CIS 4840	Telecommunications in Business		3	+MGT 4740	Strategic Management		3
*HUM 2410 or 2420			3	*HUM GEC Requirement			3
*SCI GEC Requirement			3	*SCI GEC Requirement			3
+MGT 4100	Career Management-PD IV		2	*PSY 2100	Psychology		3

Course credits required (due to Placement Testing results) cannot be used to satisfy the School of Business requirements.

The Computer Information Systems elective may be selected from among the following courses: ACCT 3600, ACCT 3630, CIS 1200, CIS 2300, CIS 3600, CIS 4801, COMP 1350, COMP 1400, COMP 1510, COMP 4460, COMP 4500, GEOG 4020, LSIS 4010, LSIS 4450, MGT 4801, MKT 3310, PADM 3130, or PHIL 2300. Each course used to satisfy the Computer Information Systems major and the restricted elective requirements must be completed with a minimum grade of "C." Unrestricted electives may be selected from among all courses offered by the University. Unrestricted non-business electives must be selected from among courses in areas other than *business*. In both instances, students must obtain prior written approval.

TOTAL MINIMUM CREDIT HOURS: 127

Distribution of Hours

*Core Curriculum Courses – 48

+Common Body of Knowledge Required Courses – 46

=Computer & Information Systems Required Courses – 24

#Computer & Information Systems Electives – 6

&Unrestricted Electives – 3

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Finance
Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG 1110	English Composition I	3	*ENG 1210	English Composition II	3
*MATH 1100	College Alg/Trig	3	*ENG 1250	Elements of Speech	3
* Modern Foreign Language III		3	*MATH 1210	Finite Mathematics	3
+CIS 1100	Business Computer Appl	3	+ECON 2300	Principles of Microeconomics	3
*HUSC 1521	Dimensions of Learning	2	*SCI GEC Requirement		3
+MGT 1100	Career Planning-PD I	1			

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*SOCI 2000	Society & Human Behavior	3	*HUM GEC Requirement		3
*HIST 1320	World Societies	3	*HUM 2410 or 2420		3
+ECON 2200	Principles of Macroeconomics	3	+ACCT 2500	Principles of Accounting II	3
*MATH 2000	Calculus	3	+DSC 2010	Elementary Statistics	3
+ACCT 2400	Principles of Accounting I	3	&Unrestricted Elective		3
+MGT 2100	Business Protocol-PD II	2			

Junior Year

Fall Semester		Credits	Spring Semester		Credits
+FIN 3200	Principles of Finance	3	=FIN 3220	Financial Management	3
+DSC 3020	Statistical Analysis	3	+DSC 3300	Decision Science	3
+MGT 3000	Organization & Management	3	=ECON 3310	Money Fin. Sys./Economy	3
+MGT 3100	Business Communication-PD II	2	+ACCT 3100	Legal Envir of Business I	3
+MKT 3210	Principles of Marketing	3	*HEDU 1531	Health	2
			*PEDU 1541	Fitness	2

Senior Year

Fall Semester		Credits	Spring Semester		Credits
=FIN 4100	Investments	3	+MGT 4740	Strategic Management	3
=FIN 4150	Fin. Inst. & Capital Markets	3	=FIN 4980	Seminar in Financial Mgt	3
=FIN 4410	International Finance	3	#FIN	Elective	3
#FIN	Elective	3	*SCI GEC Requirement		3
+MGT 4100	Career Management-PD IV	2	&Unrestricted Non-Business Elective		3
*PSY 2100	General Psychology	3			

Course credits required (due to Placement Testing results) cannot be used to satisfy the School of Business requirements. The two Finance electives may be selected from among the following courses: ACCT 3600, ACCT 3620, ACCT 4020, ACCT 4110, ACCT 4120, ACCT 4720, ECON 4400, FIN 3400, FIN 3850, FIN 4220, FIN 4300, FIN 4350, FIN 4710, FIN 4730, or MGT 4801. Each course used to satisfy the Finance concentration and the restricted elective requirements must be completed with a minimum grade of "C."

Unrestricted electives may be selected from among all courses offered by the University. Unrestricted non-business electives must be selected from among courses in areas other than business. In both instances, students must obtain prior written approval.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*Core Curriculum Courses – 48

+Common Body of Knowledge Required Courses – 46

=Finance Required Courses – 18

#Finance Electives – 6

&Unrestricted Electives - 6

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in General Business**Freshman Year**

Fall Semester		Credits	Spring Semester		Credits
*ENG 1110	English Composition I	3	*ENG 1210	English Composition II	3
*MATH 1100	College Alg/Trig I	3	*ENG 1250	Elements of Speech	3
*Modern Foreign Language III		3	*MATH 1210	Finite Mathematics	3
+CIS 1100	Business Computer Appl	3	+ECON 2300	Principles of Microeconomic	3
*HUSC 1521	Dimensions of Learning	2	*SCI GEC Requirement		3
+MGT 1100	Career Planning-PD I	1			

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*SOCI 2000	Society & Human Behavior	3	*HUM GEC Requirement		3
*HIST 1320	World Societies	3	*HUM 2410 or 2420		3
+ECON 2200	Principles of Macroeconomics	3	+ACCT 2500	Principles of Accounting II	3
*MATH 2000	Calculus	3	+DSC 2010	Elementary Statistics	3
+ACCT 2400	Principles of Accounting I	3	*HEDU 1531	Health	2
+MGT 2100	Business Protocol-PD II	2	*PSY 2100	General Psychology	3

Junior Year

Fall Semester		Credits	Spring Semester		Credits
+FIN 3200	Principles of Finance	3	+DSC 3300	Decision Science	3
+DSC 3020	Statistical Analysis	3	+ACCT 3100	Legal Envir of Business I	3
+MGT 3100	Business Communication-PD III	2	#General Business Elective		3
+MGT 3000	Organization & Management	3	#General Business Elective		3
+MKT 3210	Principles of Marketing	3	#General Business Elective		3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
#General Business Elective		3	+MGT 4740 Strategic Management		3
#General Business Elective		3	#General Business Elective		3
*PEDU 1541	Fitness	2	#General Business Elective		3
+MGT 4100	Career Management-PD IV	2	#General Business Elective		3
*SCI GEC Requirement		3	&Unrestricted Non-Business Elective		3
&Unrestricted Elective		3			

Course credits required (due to Placement Testing results) cannot be used to satisfy the School of Business requirements.

General Business Electives may be selected from an approved list of advanced business courses according to a specified distribution across business disciplines (two courses from any four majors or concentrations). Each course used to satisfy the General Business concentration and the restricted requirements must be completed with a minimum grade of "C."

Unrestricted electives may be selected from among all courses offered by the University. Unrestricted non-business electives must be selected from among courses in areas other than business. In both instances, students must obtain prior written approval.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*Core Curriculum Courses – 48

+Common Body of Knowledge Required Courses – 46

=General Business Required Courses – 0

#General Business Electives – 24

&Unrestricted Electives - 6

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Hospitality and Tourism**Freshman Year**

Fall Semester			Spring Semester		
		Credits			Credits
*ENG 1110	English Composition I	3	*ENG 1210	English Composition II	3
*MATH 1100	College Alg/Trig I	3	*HUM 2410 or 2420		3
*Modern foreign Language III		3	*MATH 1210	Finite Mathematics	3
=HADM 1000	Intro to Hospitality/Tourism	3	=HADM 1100	Lodging Operations & Mgmt	3
*HUSC 1521	Dimensions of Learning	2	+CIS 1100	Business Computer Appl	3
+MGT 1100	Career Planning-PD I	1	*HEDU 1531	Health	2
*PEDU 1541	Fitness				
	Summer Term		=HADM 2900	Hospitality Work Experience	0

Sophomore Year

Fall Semester			Spring Semester		
		Credits			Credits
*ENG 1250 or 2200		3	*SOCI 2000-Society & Human Behavior		3
*SCI GEC Elective		3	*SCI GEC Elective		3
+ECON 2300	Principles of Microeconomics	3	+ACCT 2500	Principles of Accounting II	3
+ACCT 2400	Principles of Accounting I	3	+ECON 2200	Principles of Macroeconomic	3
*HIST 1320	World Societies	3	=HADM 2000	Intro to Travel & Tourism	3
=HADM 2010	Applied Sanitation and Safety	1	+MGT 2100	Business Protocol-PD II	2
	Summer Term		=HADM 3900	Hospitality Work Experience	0

Junior Year

Fall Semester			Spring Semester		
		Credits			Credits
+MGT 3000	Organization & Management	3	*PHIL 2210 or HUM Elective		3
=HADM 3410	Convention & Event Planning	3	=HADM 3020	Food & Beverage Production	3
=HADM 3000	Procur in Lodging Fac & F&B	3	=HADM 3700	Leadership Colloquium	2
=HADM 3010	Food, Beverage & Labor Control	3	=HADM 3800	Human Resources Mgmt	3
=HADM 3500	Travel & Tourism Management	3	=EDU 3700	Intro Stat Methods in Education	3
			#HADM Elective		3
	Summer Term		=HADM 4900	Hospitality & Tourism Intern*	3

Senior Year

Fall Semester			Spring Semester		
		Credits			Credits
=HADM 4400	Hosp Financial Management	3	=HADM 4300	Hospitality Law and Ethics	3
=HADM 4500	Food & Bev Prod/Operations	3	=HADM 4200	Hospitality Sales & Marketing	3
=HADM 4700	Facilities Management	3	=HADM 4600	Hospitality Senior Seminar	3
=HADM 4100	Research Meth In Hosp/Tourism	3	&Unrestricted Elective		3
			&Unrestricted Elective		2

Course credits required (due to Placement Testing results) cannot be used to satisfy the School of Business requirements.

* Students must have satisfied 500 hours of documented work experience before enrolling in HADM 4900 - Hospitality Internship for an additional 500 hours totaling 1,000 hours for graduation. Unrestricted electives may be selected from among all courses offered by the University.

Suggested Electives: HADM 3030-Advanced Lodging Operations, HADM 3040-Event & Meeting Planning, HADM 3050- Introduction to Gaming, HADM 3060- Eco & Cultural Tourism, HADM 3810-Study Abroad, HADM 4010- Entrepreneurship in Hospitality & Tourism, HADM 4910-Menu & Design Management, HADM 4920-Managed Services Management, HADM 4800-Profit Planning and Decision Making.

TOTAL MINIMUM CREDIT HOURS: 128

Distribution of Hours

*Core Curriculum Courses – 42

+Common Body of Knowledge Required Courses - 21

=Hospitality & Tourism Required Courses – 57

#Hospitality & Tourism Electives – 3

&Unrestricted Electives - 5

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Management**Freshman Year**

Fall Semester		Credits	Spring Semester		Credits
*ENG 1110	English Composition I	3	*ENG 1210	English Composition II	3
*MATH 1100	College Alg/Trig I	3	*ENG 1250	Elements of Speech	3
*Modern Foreign Language III		3	*MATH 1210	Finite Mathematics	3
+CIS 1100	Business Computer Appl	3	+ECON 2300	Principles of Microeconomics	3
*HUSC 1521	Dimensions of Learning	2	*SCI GEC Requirement		3
+MGT 1100	Career Planning-PD I	1			

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*SOCI 2000	Society & Human Behavior	3	*HIST 1320	World Societies	3
*HUM 2410 or 2420		3	*HUM GEC Requirement		3
+ACCT 2400	Principles of Accounting I	3	+ACCT 2500	Principles of Accounting II	3
*MATH 2000	Calculus	3	+DSC 2010	Elementary Statistics	3
+ECON 2200	Principles of Macroeconomics	3	*PSY 2100	General Psychology	3
+MGT 2100	Business Protocol-PD II	2	*HEDU 1531	Health	2

Junior Year

Fall Semester		Credits	Spring Semester		Credits
+MGT 3000	Organization & Management	3	+DSC 3300	Decision Science	3
+DSC 3020	Statistical Analysis	3	=MGT 3250	International Business	3
+FIN 3200	Principles of Finance	3	+MKT 3210	Principles of Marketing	3
+MGT 3100	Business Communication-PD I	2	#Management Restricted elective		3
*PEDU 1541	Fitness	2	+ACCT 3100	Legal Envir of Business I	3

Senior Year

Fall Semester		Credits	Spring Semester		Credits
=MGT 3700	Organizational Behavior	3	=MGT 4550	Entrepreneurship/Venture	3
=MGT 4510	Human Resource Mgmt	3	+MGT 4740	Strategic Management	3
#Management Elective		3	#Management Restricted Elective		3
&Unrestricted Elective		3	#Management Elective		3
*SCI GEC Requirements		3	&Unrestricted Non-Business Elective		3
+MGT 4100	Career Management-PD IV	2			

Course credits required (due to Placement Testing results) cannot be used to satisfy the School of Business requirements.

The four management electives (two restricted/two management) may be selected from among the business course offerings for which a student has completed the required course prerequisite. Of the four management electives, two must be from the same business discipline. A list of additional approved electives in other areas may be secured from the Office of the Dean. Each course used to satisfy the Management concentration or restricted elective requirements must be completed with a minimum grade of "C."

Unrestricted electives may be selected from among all the courses offered by the University. Unrestricted non-business electives must be selected from among courses in areas other than business. In both instances, students must obtain prior written approval.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*Core Curriculum Courses – 48

+Common Body of Knowledge Required Courses – 46

=Management Required Courses – 12

#Management Electives – 12

&Unrestricted Electives - 6

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Four-Year Curriculum Plan in Marketing Freshman Year

Fall Semester		Credits	Spring Semester		Credits
*ENG 1110	English Composition I	3	*ENG 1210	English Composition II	3
*MATH 1100	College Alg/Trig I	3	*ENG 1250	Elements of Speech	3
*Modern Foreign Language III		3	*MATH 1210	Finite Mathematics	3
+CIS 1100	Business Computer Appl	3	+ECON 2300	Principles of Microeconomics	3
*HUSC 1521	Dimensions of Learning	2	*SCI GEC Requirement		3
+MGT 1100	Career Planning-PD I	1			

Sophomore Year

Fall Semester		Credits	Spring Semester		Credits
*SOCI 2000	Society & Human Behavior	3	*HUM GEC Requirement		3
*HIST 1320	World Societies	3	*HUM 2410 or 2420		3
+ECON 2200	Principles of Macroeconomics	3	+ACCT 2500	Principles of Accounting II	3
+ACCT 2400	Principles of Accounting I	3	+DSC 2010	Elementary Statistics	3
*MATH 2000	Calculus	3	*PSY 2100	General Psychology	3
+MGT 1100	Business Protocol-PD II	2			

Junior Year

Fall Semester		Credits	Spring Semester		Credits
+MKT 3210	Principles of Marketing	3	+ACCT 3100	Legal Envir of Business I	3
+DSC 3020	Statistical Analysis	3	+DSC 3300	Decision Science	3
+MGT 3000	Organization & Management	3	+FIN 3200	Principles of Finance	3
+MGT 3100	Business Communication-PD III	2	=MKT 3450	Consumer Behavior	
*PEDU 1531	Health	2	&Unrestricted Elective		3
*HEDU 1541	Fitness	2			

Senior Year

Fall Semester		Credits	Spring Semester		Credits
=MKT 4150	Sales Management	3	+MGT 4740	Strategic Management	3
=MKT 3350	Promotion Management	3	=MKT 4650	Marketing Research	3
=MKT 4450	International Marketing	3	=MKT 4690	Marketing Seminar	3
#Marketing Elective		3	#Marketing Elective		3
*SCI GEC Requirement		3	&Unrestricted Non-Business Elective		3
+MGT 4100	Career Management-PD IV	2			

Course credits required (due to Placement Testing results) cannot be used to satisfy the School of Business requirements.

The two marketing electives may be selected from among the following courses: ACCT 4020, CIS 2800, CIS 3400, ECON 4400, FIN 3400, MGT 3250, MGT 3700, MGT 4550, MGT 4801, MKT 4250, MKT 4350, or SOCI 4220. Each course used to satisfy the Marketing concentration and restricted elective requirements must be completed with a minimum grade of "C."

Unrestricted electives may be selected from among all courses offered by the University. Unrestricted non-business electives must be selected from among courses in areas other than business. In both instances, students must obtain prior written approval.

TOTAL MINIMUM CREDIT HOURS: 124

Distribution of Hours

*Core Curriculum Courses – 48

+Common Body of Knowledge Required Courses - 46

=Marketing Required Courses – 18

#Marketing Electives – 6

&Unrestricted Electives - 6

Many courses listed in the first year of this plan are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

Course Descriptions

Accounting Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

ACCT 2400. Principles of Accounting I (3)

Prerequisite: MATH 1100. This introductory course covers the accounting cycle for a proprietorship. Balance sheet items are covered in detail. The theory of accrual based accounting and GAAP are detailed. The preparation of financial statements are explained. A special project and presentation involving GAAP will be required for MBA students taking this course.

ACCT 2500. Principles of Accounting II (3)

Prerequisite: ACCT 2400. This course is a continuation of ACCT 2400. Topics covered include accounting for partnerships and corporations, bonds, stock investment, consolidations, analysis and interpretation of financial statements, introduction to management accounting. MBA students will be required to make a presentation on a financial accounting topic.

ACCT 3100. Legal Environment of Business I (3)

An introduction to the American legal and judicial system with an emphasis on the study of law as it relates to legal rights and social forces, government, business and society.

ACCT 3120. Legal Environment of Business II (3)

Prerequisite: ACCT 3100. In-depth analysis and application of the rules of law to business transactions. The student is assisted in developing the skills needed to identify legal issues and to apply the rules of law found in court decisions and statutes to forecast the probable outcome of legal controversies.

ACCT 3600. Intermediate Accounting I (3)

Prerequisite: ACCT 2500. A detailed study of theory, concepts, and methodologies underlying the preparation of the income statement, cash flow statement, and the statement of financial position. Emphasis is placed on the conceptual framework of financial accounting. Course materials focus on income measurement, valuation, and

reporting issues related to assets and current and long-term assets.

ACCT 3620. Intermediate Accounting II (3)

Prerequisite: ACCT 3600. This is a follow-up course to Intermediate Accounting I. This course focuses on income measurements, valuation and reporting issues related to intangibles, current and long-term liabilities, bonds payable, pensions, leases, and taxes.

ACCT 3630. Accounting Information Systems (3)

Prerequisites: CIS 1100 and ACCT 2500. This course focuses on the set of problems associated with the design and operation of information systems necessary to support the overall planning of an organization's control system.

ACCT 4110. Cost Accounting (3)

Prerequisite: ACCT 2500. A study of cost accounting systems or planning, control, and decision making. Topics covered job costing, process costing, budgeting, standard costing, relevant costing, cost-volume-profit analysis, and transfer pricing. Just-in-time production and activity based costing systems are also introduced in the course.

ACCT 4220. Governmental Accounting (3)

Prerequisite: ACCT 2500. This course is designed for the accounting major who desires a career in governmental and other non-profit institutions. Topics will include funds, budgets, appropriations, and allotments.

ACCT 4300. Advanced Accounting (3)

Prerequisite: ACCT 3620. Advanced accounting provides the student an in-depth study of accounting problems involved in: partnerships, installment sales, consignments, branches, mergers and consolidations, receiverships, fiduciaries, and foreign currency translations.

ACCT 4320. Auditing (3)

Prerequisite: ACCT 3620. This course is designed for the student who is planning a career in public accounting. It involves a study of the fundamental techniques and procedures used in the verification of accounting records and in the preparation of an audit report

with emphasis on internal control and risk management.

ACCT 4400. Introduction to Federal Income Taxes (3) Prerequisite: ACCT 2500. This course involves a study of income tax laws for the United States. Students study income tax theory for the individual taxpayer.

ACCT 4420. International Accounting (3) Prerequisite: ACCT 2500. This course is designed to expose the student to the accounting functions in other countries. Environmental factors which influence the development of accounting will be examined. The course will also focus on the preparations and interpretation of accounting reports.

ACCT 4720. Corporate and Partnership Taxation (3) Prerequisite: ACCT 4400. This course involves a study of Income tax laws of the United States as they effect Corporations and partnerships. Introduction to tax research And the preparation of a computerized tax return are included.

Computer Information Systems Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

CIS 1000. Fundamental Computing (3) Students get an essential jump start on learning to use a basic desktop computer by learning fundamental concepts, skills for assembly and installation of state-of-the-art computer software operating systems and literacy products for college use. Course includes supervised laboratory.

CIS 1100. Business Computer Applications (3) This course develops the student's skills in desktop computing through the use of user software in order to solve problems within an organization. The student will develop skills in basic internet usage and word processing, spreadsheet and presentation graphic applications in a supervised ,structured laboratory environment. Additionally, topics in Information . Systems within organizations will be explored.

CIS 1200. Advanced Business Computer Applications (3) Prerequisite: CIS 1100 or satisfactory grade on challenge test. This course develops the student's skills in advanced computer applications through the use of spreadsheet and database applications in order to solve problems within an organization. The student will develop problem solving skills in the context of various individual and group projects in a supervised, structured laboratory environment.

CIS 1300-Introduction to Business Programming (3) Prerequisite: CIS 1100 or satisfactory grade on challenge test. This course introduces the theory and application of programming logic, algorithm development and concepts for business applications. Concepts introduced include data types, constants, variables, assignment statements, arithmetic expressions, string expressions, logical expressions, if statements, case statements, loop structures, database interface, and arrays.

CIS 2000. Business Programming I (3) Prerequisite: Grade of "B" or higher in CIS 1300, or consent of the instructor. This course introduces structured programming and algorithm development, as well as the design and implementation of a computer program through state-of-the-art languages. Students will be required to master the rudiments of procedural and object-oriented languages. Students develop elementary applications for a business environment to generate reports, validate data, and use screens for data entry.

CIS 2100. Business Programming II (3) Prerequisite: CIS 2000. This course is a continuation of CIS 2000. It involves the manipulation of sequential files, databases, modular programming, arrays, and the design of subprograms via objects and modules with graphical and web-based user interfaces.

CIS 2200. Computer Organization for Business (3) Prerequisite: CIS 1200. This course is a survey of hardware/software, networks, the Internet, web applications,

E-commerce and programming. In addition, this course investigates security, privacy and other issues related to the impact of computers on society. The purpose of this course is to introduce students to key concepts in the CIS curriculum.

CIS 2300. Advanced Internet Programming (3)

Prerequisite: CIS 1300. This course further develops the skills mastered in CIS 1300 with specific emphasis on the additional concepts and languages relating to web pages and database connectivity over the Internet. Client-side and server-side programming will be fully discussed.

CIS 3400. Management Information Systems (3)

Prerequisite: CIS 1100 and co-requisite MGT 3000. This course provides students with the principles of problem solving and creating opportunities with technology in an organizational setting. Topics include how information systems affect and are affected by organizational goals and strategies; basic overviews of the components of an information system; hardware, software, data storage and retrieval, and network communications; the Internet; the information systems development process; and systems development as planned organizational change.

CIS 3440. Database Management Systems (3)

Prerequisites: CIS 1300 and CIS 3400. This course introduces the design of relational and object-oriented databases. Students are required to master basic design skills using traditional and data modeling techniques and tools. Students are further instructed on the implementation and use of databases in various organization settings. Students will be required to design and implement a basic database system to meet an organizational need.

CIS 3600. Special Topics in Computer Information Systems (1-3) Approval of instructor. May be repeated for credit when the topic varies. Topics of current and special interest in information systems are presented.

CIS 4440. Advanced Database Management Systems (3) Prerequisite: CIS 3440. This course further develops the

concepts introduced in CIS 3440. Topics include database administration, data warehousing, data mining, advanced database design, database security and distributed database systems. Multiple database platforms will be utilized.

CIS 4600. Systems Analysis and Design (3)

Prerequisites: CIS 2100 or 2300, CIS 3440, and MGT 3100 or MGT 3400). This course utilizes the systems life cycle, rapid applications development, prototyping and project management concepts and tools to plan, analyze, design, and prototype computer-based systems, concurrently and dynamically. Mini real world cases are initiated by students as individual, group and teamwork assignments.

CIS 4640. Systems Design and Implementation (3)

Prerequisite: CIS 4600. This course expands the projects developed in CIS 4600. Design projects are continued, rotated, expanded, reverse engineered and re-engineered, as the implementation and support phases of the systems life cycle are also simulated. Project management is also continued as an assigned group or teamwork effort.

CIS 4700. E-Commerce for Information

Technology (3) Prerequisites: CIS 1300 and 3400). This course introduces the concepts of electronic commerce infrastructure including specific business models, challenges and objectives. Students will investigate how business is conducted and managed including major opportunities, limitations, issues and risks. Specifically, problems such as security, privacy, content selection and rating, intellectual property rights, authentication, encryption, acceptable use policies, and legal liabilities are discussed and analyzed.

CIS 4801. Field Work. (4)

Approval of lead professor. A course open to students in the Cooperative Education Program.

CIS 4840. Telecommunications in Business (3)

Prerequisites: CIS 2200 and 3440. This course provides

an in-depth knowledge of data communications and networking requirements including networking and telecommunications technologies, hardware, and software. Specific emphasis in the analysis and design of networking applications in organizations. Management of telecommunications networks, cost-benefit analysis, and evaluation of connectivity options are also covered.

CIS 4860. Professional Certifications (3)

Prerequisites: CIS 1300, 2200, and 4640. Student is acquainted with professional certifications available in the discipline and will be prepared to sit for certification examinations.

CIS 4900. Seminar in Information Systems (3)

Prerequisite: CIS 4600. This course involves selected topics in information systems. The content of the course will vary as new topics and techniques are developed and used by industry.

Decision Sciences Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

DSC 2010. Elementary Statistics (3)

Prerequisite: MATH 2000. A course concerned with the application of statistical techniques to economic and business problems. Topics covered include description and numerical methods of describing data, probability concepts and application, discrete and continuous probability distributions, estimation and hypothesis testing.

DSC 3020. Statistical Analysis (3)

Prerequisite: DSC 2010. Statistical methods useful in analyzing business problems. Subjects to be covered include multiple regression and model building, index numbers and time series, analysis of variance, sampling techniques, and non-parametric statistics.

DSC 3300. Decision Sciences (3)

Prerequisite: DSC 2010. An introduction to the use of mathematical concepts and models in managerial decision-making. Review of finite mathematical tools, linear

programming, applied probabilistic concepts and decision theory.

DSC 3750. Operations Management (3)

Prerequisite: DSC 3300. An introduction to the management of operating systems; techniques and methods employed to plan and control manufacturing, service, forecasting, production scheduling, quality control, job design, methods, measurement and wage payments.

Economics Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

ECON 2200. Principles of Macroeconomics (3)

Prerequisite: MATH 1100 or MATH 1070.

Principles of economics for the student interested in business. The course will provide an introduction to the organization and functioning of modern economic systems. Attention will focus on production, employment, income levels, and policy tools. Students cannot earn credit for both ECON2000 and ECON 2200.

ECON 2300. Principles of Microeconomics (3)

Prerequisite: MATH 1100 or MATH 1070.

Principles of economics for the student interested in business. The course will provide an introduction to the organization and functioning on modern economic systems. Attention will focus of the principles of microeconomics and the development of an understanding of the roles of prices in the product and resources markets. Students cannot earn credit for both ECON 2010 and ECON 2300.

ECON 3310. Money, the Financial System, and the Economy (3) Prerequisite: ECON 2200. A course on the financial system and its relationship to the other sectors of the economy, including business firms, households, and government agencies. Money, financial markets and institutions, interest rates, the Federal Reserve System, and monetary policy are considered.

ECON 4400. International Economics (3)

Prerequisite: ECON 2200 or ECON 2300.
International

economic relations, problems involved in maintaining a world order and the role of free enterprise in their solution. This course includes the bases of trade theory, comparative advantage, gains from trade, adjustments in the balance of payments, tariffs, exchange control, and trade policy.

ECON 4500. Managerial Economics (3)
Prerequisites: ECON 2200, 2300, and DSC 3300. This course is a study of the tools of analytical decision making that aid modern managers in solving their problems. Major consideration is given to incremental reasoning, marginal analysis, and linear programming approaches to decision making. Special related topics include demand analysis, production analysis, capital budgeting and investment analysis, and cost effectiveness and benefit-cost analysis.

Finance Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

FIN 3200. Principles of Finance (3)
Prerequisites: ACCT 2400, DSC 2010. This course is designed to give business and non-business students an understanding of the fundamentals of corporate finance. The course introduces students to the time value of money and its application to securities valuation. Other topics covered include the risk-return relationship, basic Capital budgeting, firm debt and dividend policies, financial ratios, international corporation finance, and mergers and acquisitions.

FIN 3220. Financial Management (3)
Prerequisites: FIN 3200, DSC 2010. The role of the financial officer as a key member of management is the central thrust of this course. In today's corporate world, chief executive officers are becoming chief risk officers. The course focuses on securities valuation, capital market theory, working capital management, financial statements analysis and projection techniques. The financial questions investigated concern the management and analysis of cash, profitability and risk. The course is also an in-depth study of valuation of bonds and stocks, capital asset pricing

model, cost of capital, risk management, and capital structure. The mode of instruction involves both lectures and cases.

FIN 3400. Principles of Insurance (3)
Prerequisite: FIN 3200 or consent of the instructor. A study of the basic principles of insurance and the theory of risk. Emphasis is placed on understanding the concepts of risk-sharing, risk reduction, the characteristics of various insurance contracts, and hedging with derivatives. Discussion also covers personal finance decisions, Diversification of risk, and other current issues.

FIN 3850. Principles of Real Estate (3)
Prerequisites: ACCT 2500, ECON 2200, ECON 2300. An introduction to real estate theory and practice: economic fundamentals, physical characteristics, urban growth, city structure, land use planning, legal aspects, market analysis, appraisal, investment analysis, financing taxation, property management, operation of the real estate market, and land development.

FIN 4100. Investment (3)
Prerequisites: FIN 3200. This course covers the theory and practice of security analysis, portfolio evaluation and management. Considerable attention is given to the analysis and evaluation of bonds, common stocks, industry studies, and related empirical studies.

FIN 4150. Financial Institutions and Capital Markets (3)Prerequisites: FIN 3200. This course focuses on an understanding of the major financial institutions in the United States and the competitive and regulatory environment in which they operate. Emphasis will be placed on the practical implications of recent innovations in financial theory to the management of interest rates, liquidity and credit risk. The course covers financial markets, regulation of financial institutions, interest rates and assets, and real estate finance.

FIN 4220. Commercial Bank Management (3)
Prerequisites: FIN 3200. The focus of this course is on the regulation, operation, and management of commercial banks with respect to capital

funds, asset and liability management, value maximization, financial futures, options and swaps, risk management, investment portfolios, and liquidity issues, lending to businesses and consumers. Related topics such as financial services and international banking service options are also covered.

FIN 4300. Life and Health Insurance (3)

Prerequisite: FIN 3400. The focus of this course is on the products and principles of life and health insurance in financial planning for businesses.

Main topics include pension-planning strategies, such as deferred-compensation and profit-sharing plans, use of trust in business and in planning individual estates, and comprehensive analysis of the effects of income taxes, estate taxes, and gift taxes on life-insurance programming and estate planning.

FIN 4350. Property and Liability Insurance (3)

Prerequisites: FIN 3200, FIN 3400. This course focuses on the study of liability, fire, automobile, marine, burglary and other property insurance contracts. Emphasis is placed on insurance as a method of handling personal and business property and liability risk.

FIN 4410. International Finance (3)

Prerequisite: FIN 3200. The course focuses on financial management considerations as they apply to the international environment. Major topics include foreign exchange market and trading, international financial markets, pillars of international finance, and long-term asset and liability management. Minor topics include exchange rate risk management, and short-term asset and liability management.

FIN 4520. Financial Statement Analysis (3)

Pre-requisites: ACCT 2500, FIN 3200. This course is designed to improve the student's ability to interpret and analyze financial statements.

Primary focus is to improve the student's ability to understand the various financial statements. Further, the course will evaluate various methodologies and uses of financial statements. The users of financial statements will normally be assumed to be those parties that are external to

the company, but discussions will not be limited to the external users.

FIN 4740. Management of Real Estate Assets (3)

Prerequisites: FIN 3200, FIN 3850. A study of the management techniques applicable to the long-term management and operation of income-producing properties. Emphasizes the generation of maximum long-term economic returns from real estate investments, leases, lease negotiations, ownership, insurance and taxation.

FIN 4980. Seminar in Financial Management (3)

Prerequisites: FIN 3220, and senior standing. This course is the study of recent developments in the financial literature as well as the applications of financial theories and techniques of analysis to search for optimal solutions to financial management problems. Students are required to read financial theories and make class presentations.

Hospitality and Tourism Administration Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

HADM 1000. Introduction to Hospitality

Management (3) A survey of the hotel, restaurant and tourism industries; their history, problems, general operating procedures, management functions, service excellence and business protocol. Executives from the hospitality industry sectors will be featured.

HADM 1100. Lodging Management and

Operations (3) An overview of the functions and operations of departments in various lodging facilities to include front office operations, guest services, housekeeping, food and beverages, yield management, loss prevention and security.

HADM 2000. Introduction to Travel and Tourism

(3) This course provides a basic understanding of domestic and international trends in travel and tourism to include: the terminology, demographics, historical, economical,

social-cultural, and environmental trends related to tourism management and sustainable development.

HADM 2010 Applied Sanitation and Safety (1) Basic principles of sanitation and safety and their relationship to the hospitality industry. Course meets the standards for National Sanitation Certification. Students must pass certification examination to receive credit.

HADM 2900. Hospitality Work Experience I (0) Prerequisites: HADM 1000 and 1100. This course provides opportunities for students to obtain professional work experience in various sectors of the hospitality and tourism industry. Emphasis will be placed on mastering specific skill sets identified in the work experience manual. (This course satisfies 250 hours of the 1000 hours of work experience required.)

HADM 3000. Procurement in Hotels and Restaurants. (3) Prerequisites: HADM 1000, 1100, 2010. This course covers purchasing of supplies for hotels and restaurants. Emphasis on procurement, yield test, inventory control, specification, planning, forecasting, market trends, terminology, cost controls, pricing, and ethics in food service.

HADM 3010. Food, Beverage and Labor Cost Control (3) Prerequisites: HADM 1000, 1100, 2010, ACCT 2500. This course will focus on the principles of food, beverage, and labor cost controls with emphasis on cost and sales concepts, cost/volume/profit relationship, food purchasing control, food receiving controls, food sales, production controls, beverage controls, variance analysis, and establishing performance standards. This is a certification course by the National Restaurant Association.

HADM 3020. Food and Beverage Production (3) Prerequisites: HADM 1000, 2010, 3000, 3010. The course will focus on food service systems, including menu management, purchasing and production applied to an operating environment. Laboratory includes demonstration of basic food production techniques, culinary and management

principles. (One-hour lecture, and three hours laboratory).

HADM 3030. Advanced Lodging and Operations Management. (3) Prerequisite: HADM 1100. This course provides opportunity for students to virtually operate a large hotel utilizing simulation software. The simulation software package covers: reservations, front office operations, accounting, and housekeeping functions.

HADM 3040. Event Planning and Management. (3) This course provides students with the concepts and logistics of event planning and management. The course entails: marketing, planning costing, executing, and evaluating of events. Students are required to complete and or assist with a major event.

HADM 3050. Introduction to Gaming. (3) This course explores the history of the gaming industry and functions of casinos in relation to lodging facilities, restaurants, and resorts. This course also provides an overview of legal, social, and economical issues throughout the United States and abroad.

HADM 3060. Eco and Cultural Tourism. (3) This course is a study of purposeful travel and tourism natural habitats to create an understanding of the cultural and natural history pertaining to the environment. The course emphasizes not altering the ecosystem, while producing economic benefits to local people and governments that encourage the preservation of the inherent resources of the environments locally and elsewhere. Heritage and Cultural tourism sites in North Carolina will be explored.

HADM 3070. Resort and Recreational Management (3) This course provides a comprehensive approach to the operations of resort and recreational properties to include: the historical aspects, planning, financial investment management, and marketing that deals with the unique nature of the business. The course also addresses the future and impact of condominiums, vacation clubs, technological changes, and the increased cost of energy and transportation status.

HADM 3410. Convention and Event Management (3) This course introduces organization, arrangement, and operation of conventions, trade shows, professional meetings, and food functions. Emphasis is placed on the methods of marketing, selling, and servicing conventions and trade shows, and the division of administrative responsibilities in their operation..

HADM 3500. Travel and Tourism Planning (3)
Prerequisite: HADM 1000, 1100, 2000. An overview of integrated tourism planning for organizations; the development and evaluation of systems approach to comprehensive tourism projects, and the consideration of advanced concepts, policies, approaches, and models in regional and national tourism development.

HADM 3700. Leadership Colloquium in Hospitality and Tourism (2) Prerequisites: HADM 1000, 1100, 2000, 2010, 2900. An analysis and synthesis of current trends, business practices, and legislative and socioeconomic issues, impacting the hospitality and tourism industry. Students receive training in the 7 Habits of Highly Effective People resulting in a certificate. Executives from the hospitality industry provide students and faculty with insights into senior level managerial decision-making.

HADM 3800. Human Resources Management (3)
Prerequisite: MGT 3000. The study of organizational behavior, selection and placement of personnel, supervision, performance appraisal, wage and salary administration, unionism, employee motivation, communication, and training pertaining to the establishment of an effective employee relations program.

HADM 3900. Hospitality Work Experience II (0)
A continuation of HADM 2900. Opportunity for students to continue obtaining professional work experience in the hospitality industry. (This course satisfies the second 250 hours of the 1000 hours of work experience required.)

HADM 4010. Entrepreneurship in Hospitality and Tourism (3)
This course introduces students to the basic principles of entrepreneurship and franchising

opportunities in the hospitality and tourism industry. Emphasis will be on selecting a franchise or development of a start-up business. Various franchised hospitality businesses will be analyzed for marketing effectiveness and financial performance.

HADM 4100. Research Methods Hospitality and Tourism (3)

Prerequisites: HADM 1100, DSC 2010 or EDU 3700. This course will provide students with a working overview of the research process. Emphasis is placed on demonstrating a solid understanding of research concepts. Topics include research design, instrument development, data collection, and analyzing and presenting research results. Students will conduct an original research project as part of the course.

HADM 4200. Hospitality Sales and Marketing (3)
Pre-requisites: HADM 1100, HADM 2900, HADM 3500 An overview of service marketing as applied to the hospitality industry, including but not limited to: unique attributes of service marketing; consumer orientation; understanding consumers and consumer behavior; market segmentation principles; target marketing; product planning; promotion planning; market research; and competitor analysis.

HADM 4300. Hospitality Law and Ethics (2)
Pre-requisites: HADM 3800, HADM 4100
A study of the laws and ethical considerations applicable to the operation of lodging, food service, travel and tourism, and recreation/entertainment enterprises. Emphasis is placed on federal and state regulations, historical and current practices, safety and security, risk management, loss prevention, torts, and contracts.

HADM 4400. Hospitality Financial Management (3)
Prerequisites: ACCT 2500, ECON 2300, HADM 1100. This course addresses the generation and analysis of quantitative information for planning, control, and decision making in hospitality enterprises. Financial reports will be examined as tools for analyzing past performance, future projects, and day-to-day decision-making.

HADM 4500. Food Service Production and Operations (3)

Prerequisites: HADM 2010, 3000, 3020, senior status. This course is a continuation of HADM 3020 Food and Beverage Production. Practical experience is provided in food purchasing, and preparation of large quantities of food. Emphasis is placed on major menu categories, food equipment, luncheon style restaurant service, sanitation and maintenance. (One hour lecture, 3 hours laboratory)

HADM 4600. Hospitality and Tourism Seminar (3)

Prerequisites: HADM 1000, 1100, 2000, 2010, 2900, 3000, 3010, 3500, 3700, 3800, 3900, 4100, 4400. A capstone course focusing on the application of managerial, leadership, and operational concepts. Students work in groups to engage in problem solving while building their teamwork skills. A seminar is presented as the final product.

HADM 4700. Hospitality Facilities Management (3)

Pre-requisite: HADM 1100, 2010, 3000. Fundamental principles of planning, managing, and the design of hospitality facilities.

HADM 4800. Profit Planning and Decision Making (3)

Prerequisite: ACCT 2500, HADM 4400. A study of the decision making process involved in the development of profit plans through the use of hospitality industry studies. Emphasis on cash management, cost-volume profit analysis, price decisions, volume forecasting, capital budgeting and tax consideration will be covered.

HADM 4900. Hospitality and Tourism Internship (3)

Prerequisites: HADM 1000, 1100, 2000, 2010, 2900, 3000, 3010, 3020, 3500, 3700, 3800, 3900. This course provides the student with supervised management work experience in lodging, travel and tourism, food service or recreation/entertainment. Biweekly case studies and a comprehensive internship report are mandatory. This course may be taken for variable credits and satisfies 500 hours of the 1000 hours of work experience required.

HADM 4910. Menu Design and Management (3)

Prerequisites: HADM 3000, 3010, 3020. This course provides the principles essential to menu planning, production, and service including managed services.

HADM 4920. Managed Services Management (3)

Prerequisites: HADM 4600, 4700, 4910. This course provides a comprehensive understanding of the on-site food service (managed services) segment including the rationale for outsourcing and the need for entrepreneurship relevant to both the client-based organization and the managed-service provider.

Management Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

MGT 1100. PD I-Career Planning (1)

Addresses the importance of peripheral skills and competencies in becoming a management professional and in securing and maintaining employment. Topics include developing a career portfolio, resume writing, work philosophies, building your self-esteem, personal financial planning, ethical decision making, and mapping an action plan for success.

MGT 2100. PD II-Business Protocol (2)

Prerequisite: MGT 1100 and sophomore classification. This course continues to build on the foundations laid in Professional Development I-Introduction to Career Planning. Focused topics include business protocol, social and dining Etiquette, ethical dilemmas, and refining the career planning strategy and portfolio.

MGT 3000. Organization and Management (3)

Prerequisite: SOCI 2000. Approximately 40 percent of this management foundation course will focus on fundamentals and principles of management; another 40 percent will concentrate on organizational behavior; and the remaining 20 percent will concern human resource management, including topics such as recruiting, training, and performance appraisal.

MGT 3100. PD III-Business Communication (2)
 Prerequisite: MGT 2100 and junior classification. This course continues the foundations laid in Professional Development II-Fundamentals of Business Protocols with an emphasis on oral and written communications skills. This course provides training and practice in the correct use of business terms and messages in order to develop the proficiency and competency required for effective communication in a business environment. Practice and principles of business report writing are included.

MGT 3250. International Business (3)
 Prerequisites: MGT 3000, ECON 2200. This course is a survey of environmental factors which are unique to international business management. Emphasis is placed on: (1) forms of doing business internationally; (2) theories of international business; (3) management of international operations; and (4) various forces which can facilitate or impede foreign trade.

MGT 3700. Organizational Behavior (3)
 Prerequisite: MGT 3000. This course aims to develop in students a greater understanding of the behavioral aspects of management including topics such as perception, motivation, communication, persuasion, decision making, bargaining and negotiation, conflict management, group processes, power and politics, and leadership. These concepts are used to analyze classic and contemporary topics and cases.

MGT 4100. PD IV-Career Management (2)
 Prerequisite: MGT 3100 and senior classification. This course continues to refine the foundations laid in the three previous professional development courses. Focused topics for students in their senior year are: understanding job expectations, navigating the maze of office politics, mastering the art of forming working relationships, and valuing diversity.

MGT 4510. Human Resource Management (3)
 Prerequisite: MGT 3000. This course provides an in-depth understanding of the principles and practices of effective human resource management. The topics covered include

human resource planning, recruitment and selection, training and development, career planning, job analysis and evaluation, performance appraisal, employee compensation and benefits, labor-management relations, discipline and grievance handling, and equal employment opportunity.

MGT 4550. Entrepreneurship and Venture Management (3)
 Prerequisites: ACCT 2400, MGT 3000, MKT 3210. This course examines the initiation and management of an entrepreneurial venture. Topics considered include the innovative idea, venture ideas, perspectives on entrepreneurship, start-up sequences, and acquisitions. Students work with a practicing entrepreneur in developing a business plan.

MGT 4740. Strategic Management (3)
 Prerequisites: Senior classification, CIS 1100, MGT 3000, FIN 3200, MKT 3210. This is the capstone course for graduating seniors. It examines how firms chart their future by formulating, implementing, and evaluating strategies

Using strategic-management concepts and techniques covered in this course and in other business courses. The course places heavy emphasis on case analysis and the use of PC-based computer simulation.

MGT 4801. Internship Experience (4)
 Prerequisite: Approval of the lead professor and course Instructor; sophomore standing. Through agreements between the University, School of Business, and an employer, the student may receive course credit for an internship or cooperative education experience which contributes to the student's education and potential career opportunities in their selected major and concentration. Internship assessments and employer evaluations are documented in a formal report and presentation to the university community. Course may be taken as a restrictive business elective or unrestrictive elective. The student will attain approval from the lead professor and course instructor prior to enrolling in the course.

Marketing Course Descriptions

All prerequisite courses must be completed with a grade of "C" or better.

MKT 3210. Principles of Marketing (3)

Prerequisites: SOCI 2000, ECON 2200 or ECON 2300. The major objective is to develop in the student the ability to analyze marketing problems and to provide an introduction to that sector of business activity concerned with the distribution of products to business and consumers. The course describes the background and framework of the marketing structure of modern business organizations.

MKT 3310. Business Ethics (3)

Business Ethics is concerned with the analysis and application of moral principles and norms or the clarification of dilemmas of managers and other employees who make business decisions.

MKT 3350. Promotion Management (3)

Prerequisite: MKT 3210. This course will study promotion as persuasive communication. It will examine promotion management and its relationship to the overall marketing program. Primary emphasis will be placed on advertising, sales promotion, and personal selling.

MKT 3450. Consumer Behavior (3)

Prerequisite: MKT 3210. This course includes an examination of the effects of personality, motivation, perception, learning, attitudes, cultural and social influences, and life-style changes on buying situations and how analysis of these factors enables the marketing manager to improve customer satisfaction. Sociological, psychological, and economics models will be considered.

MKT 4150. Sales Management/Leadership (3)

Prerequisite: MKT 3210. This course deals with issues facing the sales manager; topics include recruiting the sales force, selection of the sales

force, motivation and compensation of the sales force, leadership skills, and sales force supervision. Emphasis will be on both personal and ethical positions of sales management.

MKT 4250. Retailing (3)

Prerequisite: MKT 3210. A survey course embracing the principles and practices of retail operations including location and layout, buying, pricing, promotion, credit, and stock control. The course will primarily take a mid-management approach.

MKT 4350. Business-to-Business Marketing (3)

Prerequisite: MKT 3210. This is a study of business-to-business marketing, and is a study of materials, equipment, supplies, and technologies for manufacturers, other business firms, and institutions that use purchased goods in further production.

MKT 4450. International Marketing (3)

Prerequisite: MKT 3210. This course covers the planning and organizing for international marketing operations. It identifies the differences in market arrangements and the differences in the legal, cultural, and economic factors in various countries.

MKT 4650. Marketing Research (3)

Prerequisites: MKT 3210, DSC 3300. This course examines research methods and procedures for the conduct of studies leading to marketing decisions. Techniques of gathering and analyzing data related to advertising, sales, pricing, product, and distribution. Actual participation in the conduct of research studies in these areas will also be provided.

MKT 4690. Marketing Seminar (3)

Prerequisites: MKT 3350, MKT 4150. This course will allow students to both uncover and study current marketing problems. Emphasis will be upon the topics of interest as defined by the individual marketing student.

School of Education

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Mission

The mission of the School of Education is to prepare education professionals to serve and inspire excellence in teaching, administration, counseling, communication, technology, and other related services. Central to our mission is the development of leaders who promote social justice and dedicate themselves to the well-being of a global community.

History

The original charter of North Carolina Central University, issued by the General Assembly of North Carolina in 1925 (Chapter 56, Private Laws, 1925), set forth an institutional purpose that included the training of Negro high school teachers and principals. By 1927, the institution had in place sets of "combination courses" especially designed for high school teachers.

In the 1928-1929 school years, the Department of Education was one of the units of the College of Liberal Arts. At that time, the department offered six courses in professional education. The department's academic offerings had expanded to 20 courses by 1937.

The General Assembly enacted a statute in 1939 which authorized the Board of Trustees of North Carolina College to establish graduate programs. The graduate program in education was among the first five graduate programs established at this institution under the organizational structure of the Graduate School of Arts and Sciences. The undergraduate program of the Department of Education was administratively supervised by the Undergraduate College in 1939.

On July 10, 1951, a joint trustee committee approved a cooperative arrangement between The University of North Carolina and North

Carolina College for programs leading to the Ph.D. degree and authorized that they begin at the College in September, 1952. The first doctoral programs were organized in education in the areas of administration and supervision, elementary education, and guidance. Five persons were awarded the Ph.D. degrees in education before the doctorate program was discontinued in 1964.

In 1957, the North Carolina State Legislature redefined the purposes of North Carolina College, permitting broader graduate programs in professional education. In 1986, the Graduate School was merged with the College of Arts and Sciences and the Department of Education became a unit of the College of Arts and Sciences. On July 1, 1989, the Department of Education was elevated to a School of Education with a Dean who reports directly to the Vice Chancellor for Academic Affairs.

Facilities

In August 2000, the faculty, staff and students moved into a new 104,000 square foot state-of-the-art, technology ready facility. The new building is almost three times larger than the former facility. The building has many functional spaces and special equipment. Examples of functional spaces are listed below:

- Two master classrooms with stationary seats that have network ports for Internet connection.
- Seventeen classrooms with wireless computer capability.
- Two Smart Board Classrooms.
- Two teleconference rooms.
- A technology wing that has five faculty offices, one classroom, a computer lab, and a digital editing lab.
- An auditorium that seats three hundred.

- One self-service room, which is designed to be a resource for candidates. It is equipped with a computer, bulletin boards (one for student postings and one for faculty postings), and displays for students to obtain program and Praxis information. On the computer, students can check course availability, check grades, review program requirements, register for courses, send e-mail to faculty, and access other Eagle Online pages.

Office of School Services

The Office of School Services, housed in the School of Education, is a university-wide office charged with the responsibility of broadening the base of North Carolina Central University faculty as providers of service and technical assistance to public schools. The office provides a coordinated program of services, technical assistance, and research that speaks directly to the identified needs of individual schools and school districts. While services may be provided to any school system upon request, the office seeks first to serve the needs of schools within its immediate impact area, low-performing schools and school systems, rural schools, and low-wealth school districts.

While the office responds to specific requests from systems in a wide range of areas, the University seeks out partnerships for long-term systemic change initiatives in the areas of student achievement, curriculum and instruction, staff development, school climate, teacher recruitment and preparation, technology as an instructional tool, academic giftedness among African American students, and special problems of rural and low-wealth systems. A directory of services is published and disseminated annually.

Teaching Fellows Program

The Teaching Fellows Commission offers 500 scholarships/loans to residents of North Carolina who express an interest in the teaching profession. The Teaching Fellows are given a \$26,000 scholarship (\$6,500 per year). The recipients of this scholarship/loan are required to teach in North Carolina at least four years within

seven years after graduating from the University. High school seniors who possess an above average academic standing, at least the state average on the SAT or ACT, good interpersonal skills, leadership ability, and a record of community service are encouraged to obtain an application from their high school counselor. The deadline for submitting the application is October 31st each year. The finalists for this scholarship/loan are selected by the Teaching Fellows Commission. For additional information, contact the Teaching Fellows Director at North Carolina Central University at (919) 530-5182 or the North Carolina Teaching Fellows Commission in Raleigh at (919) 781-6833.

The Teacher Education Program

The School of Education is the academic unit responsible for all NCCU teacher education programs. Since its beginning, the University has prepared students to be teachers, providing them with a liberal arts education. Students who want to earn a teaching license, whether at the undergraduate or graduate level, must meet the program requirements in the teaching specialty area(s) and in professional education courses.

NCCU offers the following approved licensure programs:

Elementary Education (K- 6)

Undergraduate and Graduate Undergraduates are required to complete one of the following academic concentration options: art, biology (general), communication disorders, English as a Second Language, English literature, English writing, history, literacy, mathematics (general), French, Spanish, or social science.

Middle Grades Education (6-9)

Undergraduate and Graduate

Undergraduates are required to complete two of the following academic core major options: language arts, social studies, mathematics, or science.

Secondary Education (9-12)

English
Undergraduate and Graduate

Mathematics
Undergraduate and Graduate

Comprehensive Science
Undergraduate
(with degrees in Biology Chemistry, Geography, or
Physics)

Comprehensive Social Studies

Family and Consumer Sciences
Undergraduate and graduate

Special Subject Areas (K-12)

Academically and Intellectually Gifted
(Add on)

Art
Undergraduate

English-as-a Second Language
(Add on)

French
Undergraduate

Spanish
Undergraduate

Literacy (Reading Add on)

Media Coordinator
Graduate

Music
Undergraduate

Physical Education
(Concentration options: history, psychology,
sociology)
Undergraduate and Graduate

Theatre Arts

Undergraduate
Birth to Kindergarten (B-K)
Undergraduate and Graduate

Special Education (K-12)

Behavioral Emotional Disabilities
Graduate (Initial and Advanced)

Mental Disabilities
Graduate (Initial and Advanced)

Visual Impairment
Graduate (Initial and Advanced)

Learning Disabilities
Graduate (Initial and Advanced)

Special Service Areas

Counselor Education (School, Career, Community
Agency)
Graduate

Speech-Language Impaired
Graduate

**DEGREE PROGRAMS IN THE SCHOOL OF
EDUCATION**

The School of Education offers degrees in the
following undergraduate and graduate majors:

- Elementary Education K-6 B.A.,
M.Ed.
- Middle Grades Education (6-9) B.A.,
M.Ed.
- Educational Technology M.A.
- School Administration M.S.A.
- Special Education (K-12) M.Ed., M.A.T.
 - Behavioral Emotional Disabilities
 - Mental Disabilities
 - Visual Impairment
 - Learning Disabilities
 - Orientation and Mobility
 - Birth-Kindergarten

- Communication Disorders M.Ed.
 Speech Language Impaired
- Counselor Education M.A.
 School Counseling
 Community Agency Counseling
 Career Counseling

Undergraduate and Licensure-only Division

Sharon Spencer, Assistant Dean/Director of Teacher Education
telephone: (919) 530-5182
fax: (919) 530-5279
e-mail: sspencer@nccu.edu

The School of Education, the unit responsible for the NCCU Teacher Education Program, provides majors leading to licensure in undergraduate elementary education and middle grades education. Other majors leading to licensure in secondary, occupational and special areas of education are offered cooperatively with 14 other departments, with the School of Education handling admissions to teacher education and providing the majority of the instruction in professional education. The goal of the School of Education's undergraduate program is to be consistently responsive to the needs of students enrolled in our Teacher Education Program, the school systems in which our graduates gain employment, and the standards of state and national accrediting bodies in professional education.

Due to national and state accreditation standards, program curricula and requirements are subject to change. Contact your appropriate program coordinator for the most current information.

Admissions

The undergraduate division of education follows the University's policies for admission. Generally, during the first two years, the student completes the University's General Education Curriculum (GEC). The student is eligible for formal admission to the undergraduate Teacher Education Program

(TEP), a state requirement, if the applicant satisfies the following requirements:

1. Completes all course work in the GEC;
2. Completes course work with a minimum cumulative grade point average of 2.5;
3. Completes the three English requirements in the General Education Curriculum with at least a minimum grade of "C" in each course;
4. Completes the Praxis I (PPST paper-pencil or computer-based version) at a level required by the N. C. Department of Public Instruction; (for the SAT/ACT alternatives, please see the program coordinator); and
5. Completes the TEP application (available from the appropriate program coordinator).

In addition to the University's requirements for graduation, students seeking North Carolina licensure must do the following:

1. Complete the professional education program at NCCU, including student teaching;
2. Earn passing scores on the specialty area tests of the Praxis II, if required in program area;
3. Receive the recommendation for licensure from the faculty advisor in the licensure area; and
4. Submit the appropriate licensure forms and processing fee.

To obtain licensure information, prospective teacher education majors should contact the School of Education's Licensure Office. Specific specialty area and education requirements may be obtained from the academic department chairs or teacher education coordinators.

Second-degree or Licensure-only Candidates

The second-degree and licensure-only programs are individualized programs which are based on the candidate's previous course work and

experiences. Completion of either program requires the fulfillment of the same licensure requirements set forth by the N. C. Department of Public Instruction as those for a traditional, first-degree student.

Both second-degree and licensure-only candidates are students who have previously earned an undergraduate degree and who are seeking initial licensure. A second-degree candidate will be considered an undergraduate for tuition purposes and must apply for admission to the University through the Undergraduate Admissions Office. A licensure-only candidate is also considered an undergraduate for tuition purposes (unless the candidate already holds an advanced degree); however, the licensure-only candidate applies through the School of Education.

A lateral entry teacher may pursue a second-degree or licensure-only program. A lateral entry teacher is one who holds a current provisional license; is currently employed by a North Carolina School district; does not possess a teaching license; and has not previously completed a teacher education program prior to application for initial licensure in North Carolina.

The TEP admissions process for students who possess an undergraduate degree is as follows:

1. The student submits a letter and official transcripts to the alternative licensure coordinator in the School of Education. (Second-degree students initially apply through Undergraduate Admissions.)
2. The alternative licensure coordinator works with the appropriate program coordinator to evaluate the transcripts and develop a plan of study.
3. The Alternative Licensure Coordinator sends a letter and program of study to the candidate and meets with the candidate.
4. If the candidate decides to enter the program and has at least a 2.5 GPA on a 4.0 scale, and with the recommendation of the coordinator, the candidate completes and submits a

Teacher Education Program application to the program coordinator. The candidate is advised within the program area in which licensure is desired. A candidate who does not have at least a 2.5 GPA in the bachelor's degree must pass Praxis I (or met acceptable SAT/ACT scores) and earn a minimum grade pointaverage of 3.0 in 15 hours of non-restricted courses determined by the program coordinator.

5. The program coordinator forwards the application, transcript evaluation, and other appropriate materials to the licensure officer who presents the candidate for Teacher Education Program admission to the Teacher Education Council.
6. Upon completion of the academic program second-degree or licensure-only candidates must pass the specialty area test(s) or subject assessment(s) of Praxis II, if required in the program area.
7. When the scores are received, the candidate completes the necessary licensure forms and submits the appropriate fee to the Licensure Office. The licensure officer submits the documents to the N.C. Department of Public Instruction, the agency responsible for issuing teaching licenses.

Academic Advisement

Students who wish to pursue teacher education as a career should seek advisement early in their academic careers. Incoming freshman and transfer students who choose elementary or middle grades education as a major are initially advised in the School of Education. Advisement for students interested in K-12 or secondary education (9-12) is provided by chairpersons of academic departments or designated Teacher Education Council representatives.

Application forms for admission to the Teacher Education Program should be obtained from the student's academic advisor, and then completed and submitted to the program coordinator.

University Policies for Undergraduates

The undergraduate teacher education programs adhere to the University's policies in the following areas: Registration, Grading System, Minimum Required Grade Point Average, Academic Dismissal, Repeating Courses, Changing Grades, Changing Majors, Transfer Credit, Withdrawal from a Course, Withdrawal from School, Maximum and Minimum Course Loads, Enrollment of Seniors in 5000-Level Courses, and Degrees with Distinction. See the Academic Regulations section of this catalog for additional information on undergraduate policies and procedures.

Degree Requirements

At the undergraduate level, the School of Education grants the Bachelor of Arts degree for elementary education and middle grades education. The specific course requirements for each major are outlined in the sections that follow.

Bachelor of Arts in Elementary Education (K-6) and Middle Grades Education (6-9)

Dorothy Singleton, Chair
Department of Curriculum, Instruction and Professional Studies
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Elementary Education

Yolanda Dunston, Coordinator of Elementary Education
phone: (919) 530-7536
fax: (919) 530-5279
e-mail: ydunston@nccu.edu

Course requirements for the Bachelor of Arts in Elementary Education:

1. Complete a minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 hours must be completed at NCCU.

2. Freshman and sophomore years—complete the General Education Curriculum with a minimum GPA of 2.5. ENG 1110, 1210 & 1250 must be completed with a minimum grade of “C” in each course.
3. Complete successfully the Praxis I/Pre-Professional Skills Test (PPST paper pencil or computer-based version). Or meet minimal SAT/ACT required minimum.
4. Complete the Professional Education sequence, which includes the student teaching experience: EDU 2600, 2800, 3000, 3010, 3030, 3120, 3150, 3170, 4108, 4208.
5. Major requirements — Complete all of the required courses: EDU 3180, 3210, 3230, 3310, 3400, 3410, 3520, and 3540.
6. Complete 24 semester hours in one of the following academic concentration options: art, biology, communication disorders, English (literature or writing), English as a Second Language, French, history, literacy, mathematics, social science, or Spanish.

Middle Grades Education

Gerrelyn Patterson, Coordinator of Middle Grades Education
phone: (919) 530-6604
fax: (919) 530-5279
e-mail: gpatterson@nccu.edu

Course requirements for the Bachelor of Arts in Middle Grades Education:

1. Successful candidates must complete a minimum of 124 semester hours with a cumulative grade point average of 2.5 or higher. The last 30 hours must be completed at NCCU.
2. Freshman and sophomore years complete the General Education Curriculum (GED) with at least a minimum GPA of 2.5. ENG 1110, 1210 & 1250 must be completed with a minimum grade of “C” in each course.

3. Complete successfully the Praxis I/Pre-Professional Skills Test (PPST paper-pencil or computer-based version) or SAT/ACT equivalent requirements.
4. Complete the Professional Education sequence, which includes the student teaching experience: EDU 2600, 2800, 3000, 3010, 3030, 3120, 3150, 3170, 4107, 4207.
5. Complete the Middle Grades Education specialty courses (12 hrs): EDU 3800, 3810 or 3820, and 4010.
6. Complete two academic concentrations (24 credit hours) in the four core areas of:
 - a. Mathematics: MATH 1100, 1200, 2002, 2003, 2005, 2010, 4200 or 1210, and EDU 3820 or 1 mathematics elective.
 - b. Science: BIOL 1300, 2400, 2600 (or 2700); GEOG2350 (or 2100), PHYS 1210, CHEM 1100, and EDU 3820 and 1 (or 2) science electives.
 - c. Language Arts: ENG 1300 or 1400; ENG 1500; ENG 2310, 2320, or 2330; ENG 3110; ENG 3120; ENG 3310 or 3320; ENG 3410 or 3420 and EDU 3810 or an elective.
 - d. Social Studies: HIST 1100 or 1200, HIST 2210 or 2220; HIST 3410, 3510 or 3520; HIST

4310; ECON 2200; GEOG 1100; POLS 2100; EDU 3810 or an elective.

Note: For students pursuing licensure in dual academic concentrations, EDU 3810 and 3820 methods courses may only count for credit ONCE. An elective must be substituted so that students achieve the required 24 hours of course work in each academic concentration.

Admission to the Teacher Education Program

Students should apply for admission to the Teacher Education Program, which involves completion of the General Education Program, a "C" or better in ENG 1110 & 1210, an overall GPA of at least 2.5, and passing scores on the Praxis I.

* Enrollment in restricted course work requires formal admission to the Teacher Education Program (passing score on praxis I, a minimum 2.5 GPA, C's or better in GEC English requirements, and completion of the GEC requirements).

** In some situations the Praxis, II is waived based on academic concentration credits.

Many courses listed in the first year of these plans are specific to this degree program, and may not fulfill degree requirements for other programs at the University. Students are advised that changing their program of study from this major to another major, after the first year, can extend the time until graduation by a semester or more.

School of Education Four-Year Curriculum Plan - Elementary Education, K-6

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Composition I	3	*ENG 1210 English Comp. II	3
* MFL Foreign Language III	3	*MATH GEC Requirement 2	3
* MATH GEC Requirement	3	*ENG 1250 Elements of Speech (SI)	3
*CHEM 1110 General Chemistry	3/4	*SOSC GEC Requirement	3
*HUSC 1521 Dimensions of Learning	2	*HUM Arts/Hum. I or II	3
* HIST 1320 World Societies	3	=HEDU 1531 Health	2
Total	17-18		17

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
* SCI GEC Requirement 2 (PHYS 1210)	3	Pass Praxis I/Apply for Admission to TEP	
* HUM GEC Requirement	2/3	=EDU 2800/4300 Instructional Technology	3
=EDU 2600 Orientation to Teaching	2	=EDU 3120 Inclusive Teaching	3
=EDU 3000 Educational Psychology	3	=EDU 3030 Diversity, Pedagogy, Soc. Chg.	3
=PEDU 1541 Fitness	2	=EDU 3010 Human Growth & Dev.	3
# Academic Concentration _____	3	#Academic Concentration _____	3
Total	15-16		15

JUNIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
= EDU 3150 Instructional Planning	3	=EDU 3180 Healthful Living - Elem.	3
=EDU 3170 Assessment of Learning	3	=EDU 3210 Curric. I (Art, Music, Drama)	3
§ LSIS 4505 Children's Literature	3	=EDU 3310 Found. of Assess. in Literacy	3
# Academic Concentration _____	3	#Academic Concentration _____	3
#Academic Concentration _____	3	#Academic Concentration _____	3
# Academic Concentration _____	3	# Academic Conc./Elective _____	3
Total	18		18

SENIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
=EDU 3230 Teaching Social Studie	3	=EDU 4108 Methods & Materials/EI. Ed.	6
=EDU 3400 Language Arts	3	=EDU 4208 Directed Teaching in EI. Ed.	6
=EDU 3410 Teaching Reading	3	<i>No other courses are to be taken this semester.</i>	
=EDU 3520 Teaching Math	3	Candidates must pass Praxis II for NC	
=EDU 3540 Integrated Science, Math, Tech.	3	licensure. Coaching sessions are provided.	
Total	15		12

Total Minimum Credit Hours Required for Graduation = 126

In some programs, you may need one or more additional electives to meet the 126 credit hours required for graduation.

An approved academic concentration is required. See the attached list. Some concentrations will require early admission to TEP.

Distribution of Hours

- * Core Curriculum Courses -39-41
- = Elementary Education Required Courses -62
- # Academic Concentration Courses -24
- x Non-departmental Required Course -2
- = *Enrollment in this course is restricted to candidates who have been admitted to the Teacher Education Program (TEP).*
- = This course is a prerequisite for EDU 3150, 3170, or both. Check the NCCU Course Catalog.
- § EDU 3150 and 3170 are prerequisites for ALL methods courses.
- § This is a graduate-level course. Registration requires departmental assistance. Graduate level fees apply.
- T Transfer credit approved. (Advisors, please provide course and institution.)

Formal admission to the Teacher Education Program (TEP) requires passing scores on Praxis I (or a Praxis I equivalent), a minimum 2.5 GPA, C's or better in the three GEC English requirements, and completion of GEC requirements.

NCCU School of Education Academic Concentrations - Elementary Education, K-6
(minimum 18 credit hours, may include up to 6 credit hours from general college core)

Concentration	Criteria	Grade	Course(s) <i>Please circle or highlight for choices</i>	Notes
ART (18 hours)	Required	<input type="checkbox"/>	ART 1500: Survey of Art History (3)	
	Choose 1	<input type="checkbox"/>	ART 1200: African Art History (3) ART 3020: Survey of Modern Art (3)	
	Required	<input type="checkbox"/>	ARTF 2100: Drawing I (3)	
	Choose 1	<input type="checkbox"/>	ART 2300: Basic Design (2) ARTE 2310: Design I (3)	
	Required	<input type="checkbox"/>	ARTE 2610: Art Education Lab I (3)	
	Required	<input type="checkbox"/>	ARTF 3410: Ceramics I (3)	
	Required	<input type="checkbox"/>	ARTF 3710: Crafts I (3)	
BIOLOGY (20 hours)	Required	<input type="checkbox"/>	BIOL 1101: Principles of Biology I (4)	
	Required	<input type="checkbox"/>	BIOL 1201: Principles of Biology II (4)	
	Required	<input type="checkbox"/>	BIOL 1300: Molecules and Cell Function (4)	
	Required	<input type="checkbox"/>	BIOL 2100: General Zoology (4)	
	Required	<input type="checkbox"/>	BIOL 3200: General Microbiology (4)	
COMMUNICATION DISORDERS (18 hours)	Required	<input type="checkbox"/>	EDU 4750: Introduction to Speech-Language Pathology (3)	Fall
	Required	<input type="checkbox"/>	EDSH 5710: Anatomy and Physiology (3)	Fall
	Required	<input type="checkbox"/>	EDU 4800 (EDSH 5730): Phonetics (3)	Spring
	Required	<input type="checkbox"/>	EDSH 5700: Speech/Language Development (3)	Spring
	Required	<input type="checkbox"/>	EDSH 5751: Introduction to Audiology (3)	Fall
	Required	<input type="checkbox"/>	EDU 4760 (EDSH 5725) Speech Science (2)	Fall
ENGLISH AS A SECOND LANGUAGE (25 hours)	Required	<input type="checkbox"/>	EDU 4810: Clinical Observation (1)	Fall, Spring
	Required	<input type="checkbox"/>	EDSH 5700: Speech and Language Development (3)	
	Required	<input type="checkbox"/>	ENG 2115: Linguistics (3)	
	Required	<input type="checkbox"/>	EDSH 5780: Bilingualism /Second Language Learning (3)	
	Choose 1	<input type="checkbox"/>	EDU 3410: Teaching Reading K-6 (3) OR EDU 4010 Reading in the Content Areas (3)	
	Required	<input type="checkbox"/>	EDU 4020: ESL & Second Language Literacy (3)*	
	Required	<input type="checkbox"/>	EDU 4060: Language and Culture (3)	
MATHEMATICS (19-20 hours)	Required	<input type="checkbox"/>	EDU 4070: Practicum in ESL (4)	
	Required	<input type="checkbox"/>	MATH 2002: Concepts of the Real Number System I (3)	
	Required	<input type="checkbox"/>	MATH 2003: Concepts of the Real Number System II (3)	
	Required	<input type="checkbox"/>	MATH 2005: Geometry (3)	
	Choose 1	<input type="checkbox"/>	MATH 1100 & 1200: College Algebra/Trig I & II (3/3) MATH 1410: Pre-calculus (5)	
	Required	<input type="checkbox"/>	MATH 2000: Calculus for Non-Science Majors (3)	
ENGLISH LITERATURE (18 hours)	Optional	<input type="checkbox"/>	MATH 1210: Finite Mathematics (3)	
	Required	<input type="checkbox"/>	ENG 1300: Introduction to World Literature I (3)	
	Required	<input type="checkbox"/>	ENG 1400: Introduction to World Literature II (3)	
	Required	<input type="checkbox"/>	ENG 1500: Techniques in Critical Reading of Literature (3)	
	Choose 1	<input type="checkbox"/>	ENG 2310: Survey of English Literature I (3) ENG 2320: Survey of English Literature II (3) ENG 2330: Survey of English Literature III (3)	
	Choose 1	<input type="checkbox"/>	ENG 3310: American Literature I (3) ENG 3320: American Literature II (3)	
	Choose 1	<input type="checkbox"/>	ENG 3410: African American Literature I (3) ENG 3420: African American Literature II (3) ENG 3505: Women's Literature (3) ENG 3605: Contemporary Lit (3)	

NCCU School of Education Academic Concentrations - ELEMENTARY EDUCATION, K-6
(minimum 18 credit hours, may include up to 6 credit hours from general college core)

ENGLISH WRITING (18 hours)	Required	<input type="checkbox"/>	ENG 1500: Techniques in Critical Reading of Literature (3)		
	Required	<input type="checkbox"/>	ENG 3120: Advanced Composition (3)		
	Choose 1	<input type="checkbox"/>	ENG 2115: Introduction to Linguistics (3) ENG 3110: Advanced English Grammar (3)		
	Choose 1	<input type="checkbox"/>	ENG 3700: Creative Writing: Prose (3) ENG 3800: Creative Writing: Poetry (3)		
	Choose 2	<input type="checkbox"/> <input type="checkbox"/>	ENG 2105: Introduction to Technical Writing (3) ENG 4105: Advanced Professional & Technical Writing(3) ENGM 2440: Reporting & Writing for the Mass Media (3) ENGM 3520: Copy Editing (3) ENGM 3525: Desktop Publishing (3) ENGM 3540: Feature Writing –Newspapers/Magazines (3) DRAM 3040: Beginning Playwriting (3) ENG 2115: Introduction to Linguistics (3) * ENG 3110: Advanced English Grammar (3) * ENG 3700: Creative Writing: Prose (3) * ENG 3800: Creative Writing: Poetry (3) * (* if not chosen above)		
HISTORY (21 hours)	Required	<input type="checkbox"/>	HIST 1320: World Societies (3)		
	Required	<input type="checkbox"/>	HIST 2000: Historical Writing & Literature (3)		
	Required	<input type="checkbox"/>	HIST 2210: US History to 1865 (3)		
	Required	<input type="checkbox"/>	HIST 2220: US History from 1865 (3)		
	Required	<input type="checkbox"/>	HIST 4310: NC History (3)		
	Choose 1	<input type="checkbox"/>	HIST 3510: Afro-American History to 1865 (3) HIST 3520: Afro-American History from 1865 (3)		
	Choose 1	<input type="checkbox"/>	HIST 3115: Modern European History 1500-1815 (3) HIST 3118: Modern European History 1815-1914 (3)		
SOCIAL SCIENCE (21 hours)	Required	<input type="checkbox"/>	HIST 2210: US History to 1865 (3)		
	Required	<input type="checkbox"/>	HIST 2220: US History from 1865 (3)		
	Required	<input type="checkbox"/>	HIST 4310: NC History (3)		
	Required	<input type="checkbox"/>	GEOG 2100: Physical Geography (3)		
	Required	<input type="checkbox"/>	POLS 2100: Introduction to American Government (3)		
	Required	<input type="checkbox"/>	SOCI 2100: Intro to Sociology (3)		
	Choose 1	<input type="checkbox"/>	HIST 3520: Afro-American History from 1865 (3) HIST 3410: African History from 1800 (3) HIST 1540: Black Experience from 1540 (3)		
LITERACY (19 hours)	Required	<input type="checkbox"/>	EDU 3310: Foundations of Assessment in Literacy (3)		
	Required	<input type="checkbox"/>	EDU 3400: Language Arts Instruction (3)		
	Required	<input type="checkbox"/>	EDU 3410: Principles of Teaching Reading K-6 (3)		
	Required	<input type="checkbox"/>	EDU 4010: Reading in the Content Areas (3)		
	Required	<input type="checkbox"/>	EDU 4020: ESL and Second Language Literacy (3)		
	Required	<input type="checkbox"/>	EDU 4030: Literacy Assessment and Intervention (3)		
	Required	<input type="checkbox"/>	EDU 4040: Practicum in Literacy Assess./ Intervention (4)		
MODERN FOREIGN LANGUAGE (18 hours)	Required	<input type="checkbox"/>	Course	<i>French</i>	<i>Spanish</i>
	Required	<input type="checkbox"/>	Intermediate I (3)	2100	2100
	Required	<input type="checkbox"/>	Intermediate II (3)	2200	2200
	Required	<input type="checkbox"/>	Syntax and Com (3)	3080	3080
	Required	<input type="checkbox"/>	Oral Practice I (3)	3100	3100
	Required	<input type="checkbox"/>	Oral Practice II (3)	4200	4200
	Required	<input type="checkbox"/>	Civilization (3)	3110	3110/3120

NCCU School of Education Four-Year Curriculum Plan - Middle Grades Education

Academic Concentration: Pick Dual Concentration

_____ LANGUAGE ARTS and MATH
 _____ LANGUAGE ARTS and SCIENCE
 _____ SOCIAL STUDIES and MATH
 _____ SOCIAL STUDIES and SCIENCE

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
*ENG 1110 English Composition I	3	*ENG 1210 English Comp. II	3
*MFL Foreign Language III	3	*MATH GEC Requirement 2	3
*MATH GEC Requirement	3	*ENG 1250 Elements of Speech (SI)	3
*CHEM 1110 General Chemistry	3/4	*SOSC GEC Requirement	3
*HUSC 1521 Dimensions of Learning	2	*HUM Arts/Hum. I or II	3
*HIST 1320 World Societies	3	=HEDU 1531 Health	2
Total	17-18		17

SOPHOMORE YEAR

Fall Semester	Credits	Spring Semester	Credits
* SCI GEC Requirement 2 (PHYS 1210)	3	_____ Pass Praxis I/Apply for Admission to TEP	
*HUM GEC Requirement	2/3	=EDU 2800/4300 Instructional Technology	3
= EDU 2600 Orientation to Teaching	2	=EDU 3120 Inclusive Teaching	3
=EDU 3000 Educational Psychology	3	=EDU 3030 Diversity, Pedagogy, Soc. Chg.	3
= PEDU 1541 Fitness	2	= EDU 3010 Human Growth & Dev.	3
#Academic Concentration _____	3	# Academic Concentration _____	3
#Academic Concentration _____	3	#Academic Concentrat _____	3
Total	15- 16		18

JUNIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
= EDU 3150 Instructional Planning	3	=EDU 4010 Reading in the Content Areas	3
= EDU 3170 Assessment of Learning	3	# Academic Concentration 1 _____	3
=EDU 3030 Diversity/Social Change	3	#Academic Concentration 1 _____	3
#Academic Concentration1 _____	3	#Academic Concentration 2 _____	3
# Academic Concentration 2 _____	3	#EDU 3800 The Middle School _____	3
#Academic Concentration 2 _____	3		
Total	18		15

SENIOR YEAR

Fall Semester	Credits	Spring Semester	Credits
=EDU 3810 Lang. Arts/Social Studies Methods	3	= EDU 4107 Methods & Materials/MG	6
=EDU 3820 Math/Science Methods	3	= EDU 4207 Directed Teaching in M	6
#Academic Concentration 1 _____	3	<i>No other courses are to be taken this semester.</i>	
#Academic Concentration 2 _____	3		
# Academic Concentration 2 _____	3		
Total	15		12

Total Minimum Credit Hours Required for Graduation = 124

Total Minimum Credit Hours for MGE with Dual Concentration = 127

In some programs, you may need one or more additional electives to meet the 126 credit hours required for graduation.

An approved academic concentration is required. See the attached list. Some concentrations will require early admission to TEP.

Distribution of Hours

- * Core Curriculum Courses -39-41
- = Elementary Education Required Courses -47
- # Academic Concentration Courses -39
- * Non-departmental Required Course -2
- = *Enrollment in this course is restricted to candidates who have been admitted to the Teacher Education Program (TEP).*
- = *This course is a prerequisite for EDU 3150, 3170, or both. Check the [NCCU Course Catalog](#).*
- § *EDU 3150 and 3170 are prerequisites for ALL methods courses.*
- § This is a graduate-level course. Registration requires departmental assistance. Graduate level fees apply.
- T Transfer credit approved. (Advisors, please provide course and institution.)

Formal admission to the Teacher Education Program (TEP) requires passing scores on Praxis I (or a Praxis I equivalent), a minimum 2.5 GPA, C's or better in the three GEC English requirements, and completion of GEC requirements.

MIDDLE GRADES CONCENTRATIONS

SOCIAL STUDIES

Credit Hours

___ GEOG 1100 World Regional	3
___ HIST 1320 World Societies or HIST 1200 World History II	3
___ HIST 2210 OR 200 US History I or II	3
___ HIST 3410 Ancient Africa or HIST 3510 or 3520 African American History	3
___ HIST 4310 North Carolina History	3
___ POLS 2100 Introduction to American Government	3
___ HIST Elective	3
Total	24

LANGUAGE ARTS

___ ENG 1300 OR 1400 Intro to Literature or Humanities	3
___ ENG 1500 Techniques in Critical Reading and Literature	3
___ ENG 2105 Intro to Technical Writing or ENG 4105 Advanced Prof. Writing	3
___ ENG 2310 or 2320 English Lit I ,II	3
___ ENG 3110 Advance English Grammar	3
___ ENG 3120 Advanced Composition	3
___ ENG 3310 or 3320 American Literature I or II	3
___ ENG 3410 or 3420 African American Literature I or II	3
Total	24

MATHEMATICS

___ MATH 1100 Algebra and Trigonometry	3
___ MATH 1200 Algebra and Trigonometry II	3
___ MATH 2002 Concepts I (Fall only)	3
___ MATH 2003 Concepts II (Spring Only)	3
___ MATH 2005 Geometry (Fall only)	3
___ MATH 2010 Calculus/Analytical Geometry	5
___ MATH 4200 History of Math or MATH 1210 Finite Math	3
___ MATH Elective	3
Total	26

SCIENCE

___ BIOL 1300 Molecules and Cell Functions	4
___ BIOL 2400 General Botany (Spring Only)	4
___ BIOL 2600 Environmental Biology or BIOL 2700 Environmental Problems	4
___ GEOG 2350 Earth Science or GEOG 2100 Physical Geography	3
___ PHYS 1210 Language of Science	3
___ SCIENCE Elective	3
___ SCIENCE Elective	3
Total	24

Education Course Descriptions

EDU 2600. Orientation to Teaching (2)

This course focuses on Praxis I preparation in test taking skills and in all three subtest areas: Reading, Writing and Mathematics. Praxis I is required by the N.C. Department of Public Instruction for admission to all Teacher Education Programs. This course is open to all prospective teacher education students and is required in most program areas.

EDU 2800. Computer Utilizations in Instructional Technology (3) Restricted to pre-education majors. This is a practical and applied study of computer utilizations geared to the National Education Technology Standards for Teacher, (NETS), developed by the International Society for Technology Education and adopted by North Carolina's State Board of Education. The course includes computer operations; functions; Internet and telecommunications for instructional purposes; analysis and use of word processing; spreadsheets; databases; desktop publishing; and multimedia applications. Students must complete an electronic portfolio (CD or DVD) to document assignments/artifacts from this class.

EDU 2900. Independent Study of Educational Problems (1-3) This course requires permission of instructor. This is an independent study to permit the pursuit of information on and the solution of educational problems through library research and/or field work. The student desiring to take this course will present a study proposal to the department for approval. Students who show unusual promise as developing educators may take this course as an honors activity.

EDU 3000. Introduction to Educational Psychology (3)

This is an introduction to the study of cognitive development and characteristics of school-aged learners. Additionally, the theories of learning which shape teaching and the principles of pedagogy which guide best educational practice are introduced. Ten hours of field experience are required.

EDU 3010. Human Growth and Development (3)

This is an introduction to the study of human growth from conception through early childhood, middle years, and adolescence. Emphasis is placed upon application of the basic concepts of physical, perceptual, mental, personality, social, language, emotional, and moral development of children and adolescents. Attention is given to the possible causes, characteristics and teacher detection of learning problems of special populations of children. Students examine how schools meet the developmental needs of their student populations by conducting in-school interviews with school personnel and at least one child. Ten hours of field experience are required.

EDU 3030. Diversity, Pedagogy and Social Change (3)

Consistent with the School of Education conceptual framework "Educators for Diverse Cultural Contexts" this course includes an overview of the major historical, philosophical, sociological and structural forces and diverse influences that have shaped American education. Emphasis is given to current reform movements in education and to the changing needs of society. The major problems and issues surrounding the context of teaching, particularly the role of economic class, ethnicity, race, gender, physical conditions, and linguistic diversity and their correlation with educational achievement are stressed. A major focus will be on each candidate developing a conceptual framework on his or her personal cultural identity, character, and the impact of diversity issues on his or her life, so that in understanding oneself, the candidate develops a greater understanding of and positive impact on others. This course requires 20 hours of field experience.

EDU 3120. Inclusive Teaching for Students with Special Needs (3)

Prerequisites: EDU 2600, EDU 3000, EDU 3010. This course is designed to develop knowledge and skills related to the appropriate education of children with special needs in the general education classroom setting. This is a survey course which includes a study of the legal and educational foundations of serving students with disabilities in the general education setting. Ethical issues surrounding the teaching of children

with learning and behavioral differences are included in the content. Particular emphasis is placed on developing skills for identifying learning strengths and needs in all children and developing instruction to match those strengths and needs. Teaming and collaboration are an important concept in inclusive education and will be emphasized.

EDU 3150. Instructional Planning (3)

Prerequisites: Admission to TEP, EDU 2600 or a departmental early field experience, EDU 3000. The course provides students with competencies in specific technical skills of teaching by focusing on learning theory, learning styles, educational taxonomies, teaching methods, classroom management, and lesson planning. Students have the opportunity to apply their learning during their field experience in an assigned classroom. The students tutor individual learners, plan lessons with the teacher, and facilitate small or whole group instruction. Twenty hours of field experience are required.

EDU 3170. Assessment of Learning (3)

Prerequisites: Admission to TEP, EDU 2600 or a departmental early field experience, EDU 2800, EDU 3000, EDU 3010. The course focuses on assessment as a tool in delineating needed revisions in evaluation methods and materials and on the use of evaluation results to modify future assessments, teaching strategies, and curricula. Students will work with an assigned teacher to construct criterion referenced tests based upon the North Carolina Standard Course of Study. Students administer, score and complete item analyses of the results. Ten hours of field experience are required.

EDU 3180: Healthful Living Education in Elementary Schools (3) This course is designed to introduce pre-service teachers to the study of the healthful living curriculum in elementary schools. Emphasis is placed upon the application of basic concepts of healthful living and physical education in terms of its importance/impact on the role of education. Attention is given to (1) instructional planning that integrates physical movement and healthful living concepts across the academic content areas, (2) candidates' responsibility as

healthful living educators, (3) candidates' understanding of healthful living and the law, and (4) candidates' understanding of diverse learners as culturally responsive educators. This course will also provide candidates the opportunity to examine how schools meet the needs of diverse learners through healthful living education. Fifteen hours of field experience are required.

EDU 3210. Elementary Education Curriculum I

(Art, Music, Drama) (3) This is an examination of methods of teaching art, music, and drama in the elementary grades (K-6). An integrated approach utilizing methods, techniques, and materials common to these curricular areas will emphasize multiple intelligences and creative development. Field experience is required.

EDU 3230. Teaching Social Studies (3)

This course is designed for elementary majors and focuses on effective, developmentally appropriate, instructional methods for the teaching and learning of social studies in the elementary schools. This course focuses on key concepts and generalizations in the fields of anthropology, sociology, political science, economics, history, geography, and the humanities. The course content includes oral language, writing, and literature related to the key concepts and principles related to the social sciences. Special attention is given to the integration of social studies and interdisciplinary teaching in the elementary school curricula. Field experience is required.

EDU 3310. Foundations In Literacy Assessment and Planning (3)

This survey course is designed to prepare beginning teachers to administer literacy assessments and use the information to plan and implement dynamic literacy instruction. The course content includes topics such as systematic observation and literacy strategies. Candidates will also investigate surrounding differentiated literacy instruction. The course requires 15 hours of field experiences.

EDU 3400. Language Arts Instruction in the Elementary School K-6 (3)

This is a survey of methods designed to prepare beginning teachers for instruction in language arts (excluding reading). The course content includes topics such as theoretical models of language development, listening, oral language, spelling, handwriting, reference skills, and children's composition. Teacher candidates will also learn about techniques for teaching language arts to mainstreamed exceptional students. Field experience is required.

EDU 3410. Principles of Teaching Reading K-9 (3)
Prerequisite or concurrent: EDU 3400. This survey course in reading instruction provides a comprehensive treatment of the major topics of reading, including emergent literacy, approaches and materials used to teach beginning reading, word identification, vocabulary, comprehension, and literature-based reading instruction. Teacher candidates also investigate issues in teaching reading to mainstreamed exceptional students. Field experience is required.

EDU 3520. Teaching Mathematics (3)
This course prepares teacher candidates to teach mathematics in elementary schools. The focus of this course will be on understanding mathematical concepts and developing appropriate lessons and strategies for teaching mathematical concepts to all children. An emphasis is placed on meeting the needs of all learners in culturally diverse educational environments. Field experience is required.

EDU 3540. Integrated Science, Mathematics, and Technology (3)
This course prepares elementary education teacher candidates to teach by integrating science, mathematics, and technology. This course has four components: earth science, space science, physical science, and life science. The focus of this course is on increasing content knowledge and on planning and implementing developmentally appropriate, integrated mathematics and science units. This course includes inquiry-based and computer laboratory experiences. Field experience is required.

EDU 3700. Introduction to Statistical Methods in Education (3) This is an introduction to basic statistical methods and their application to education. Attention is given to procedures in tabulating data and calculating basic statistics, such as measures of central tendency, correlation, and standard deviation, as well as the properties and applications of the normal probability curve. Major emphasis is placed upon interpretation of descriptive measures, and an introduction to inferential statistics is provided. Field experience is required.

EDU 3800. The Middle School (3)
This is an overview of the philosophy, rationale, organizational patterns, and curricular elements of the middle school. Emphasis is placed on the developmental characteristics and needs of early adolescents as they are addressed through middle school components, such as interdisciplinary team teaching, flexible block scheduling, advisory programs, exploratory programs, and responsive teaching. Fifteen hours of field experience are required.

EDU 3810. Language Arts/Social Studies Instruction in the Middle School (3)
This is a study of instructional methods in language arts and social studies for middle grades education majors. The course focuses on instructional practices typical of middle grades language arts methods in selected areas (e.g., oral language, writing, literature) and social studies methods in selected areas (e.g., geography, history, economics). Special attention is given to the integration of language arts and social studies in the middle grades curriculum. Fifteen hours of field experience are required.

EDU 3820. Mathematics/Science Instruction in the Middle School (3)
This is a study of instructional methods in mathematics and science for middle grades education majors. Strategies for teaching mathematics and science are presented using current research, curriculum standards, and instructional technology. Appropriate lessons are modeled, simulated, and discussed. Special attention is given to the integration of mathematics and science throughout the middle

grades curriculum. Fifteen hours of field experience are required.

EDU 4010. Reading In the Content Areas (3)

This course will focus on literacy strategies across the content areas of mathematics, science, social studies, English and second languages, health, physical education and cultural arts. The candidate will learn specific ways to enhance content area learning, while increasing reading and writing abilities in their students. This course will require 15 hours of field experience in a middle and/or high school setting.

EDU 4020. English as a Second Language and Second Language Literacy (3)

This course will explore language teaching approaches for second language learners. A variety of topics will be covered, including English for specific purposes, language skills for second language learners (e.g., listening, speaking, reading, writing, grammar, and vocabulary), recognizing and meeting the needs of Limited English Proficient (LEP) students, English instruction for linguistic minority groups, and skills for planning and implementing lessons in school for LEP students. The course will also focus on how English as a Second Language (ESL) programs accommodate students from diverse cultures and languages in the same class. Fifteen hours of field experience will be required in working with LEP/ESL students.

EDU 4030. Literacy Assessment and Intervention (3)

This course explores various formal and informal diagnostic techniques for effective monitoring of student development in literacy. The course, which spans emergent through adolescent literacy, addresses diagnosis of difficulties in reading, implementation of corrective instruction, and prevention of literacy difficulties. Assessment strategies will be applied to children with reading difficulties and summarized in a written report. This course must be taken with EDU 4040: Practicum in Literacy Assessment and Intervention.

EDU 4040. Practicum in Literacy Assessment and Intervention (4)

This course, taken concurrently

with EDU 4030: Literacy Assessment and Intervention, provides an opportunity for candidates to apply assessment and intervention methods learned in EDU 4030. Candidates will be placed in classroom settings and work closely with one struggling reader or writer. Candidates will prepare a diagnostic report, which summarizes the reader's background, results from various assessment measures, and recommendations for future instruction. Intervention plans will also be developed and implemented to address some of the reader's difficulties. This course will require 6 hours per week of field experience in an elementary, middle, or high school setting.

EDU 4060. Language and Culture (3)

This course is designed to address the importance of language and how it is inextricably bound to identity, both as an instrumental tool for communication and as a carrier of cultural values and attitudes. This course focuses on the socio-cultural and linguistic aspects that shape and influence students' identity. This course helps teachers develop: 1) an awareness and sensitivity to work effectively with students with diverse linguistic and cultural backgrounds and 2) a commitment to intervene in social injustice as a means to closing the achievement gap. Therefore, a strong emphasis on the content on cultural and linguistic diversity is a necessary prerequisite to preparing teachers to serve the needs of students whose first language is not English and who are from diverse cultural backgrounds.

EDU 4070. English as a Second Language Practicum (4)

This course, taken concurrently with EDU 4020, provides an opportunity for candidates to apply assessment and instructional strategies learned in EDU 4020. Candidates will be placed in ESL classrooms or in classrooms in which there are ESL learners. Candidates will prepare and implement plans to assist individuals, small groups, and/or whole class of ESL learners. Candidates will assess and document the impact of their instruction on ESL student learning. Candidates will be expected to spend a minimum of 2 hours twice a week in the ESL practicum placement.

(EDU 4100 SERIES)

Co-requisite: EDU 4200 Student Teaching.

Prerequisite: Students must be admitted a full semester prior to student teaching. The following methods and materials courses are intended to give an understanding of the special teaching procedures and materials related to each of the special fields of teaching. These courses provide an understanding of teaching procedures, classroom management, reading skills and effective teaching strategies and materials related to specialized subjects areas. These courses are components of the Senior Semester in Teacher Education for elementary, middle school, secondary, and specialty area majors. The student teacher completes the professional portfolio and participates in mock interviews and specialty area coaching sessions. Prerequisite to all methods courses are admission to the Teacher Education Program and an overall GPA of at least 2.5.

EDU 4101. Methods and Materials in Art (3)

This course, completed concurrently with EDU 4201, is an overview of methods of instruction and learning in preparation for teaching art in the public schools (i.e., teaching and learning theory; effective methodology; the selection, preparation, organization, and scheduling of course content; classroom management motivation, discipline, evaluation, and working with others). The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4102. Methods and Materials in

Comprehensive Science (3) This course, completed concurrently with EDU 4202, is designed to provide students with a general knowledge of methods organization, selection of materials, and effective teaching procedures in the sciences (biology, chemistry, earth science, and physics). This course provides a survey of current issues in teaching science, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4106. Methods and Materials in Dramatic Art (3)

This course, completed concurrently with EDU 4206, is a survey of the materials and methods of teaching drama and oral communication in the school. This course provides a survey of current issues in teaching dramatic arts, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews and specialty area coaching sessions. Attention is given to curriculum development and the management of related extracurricular dramatic activities.

EDU 4107. Methods in Middle Grades Education (6)

Completed concurrently with EDU 4207. This is a review of general teaching methods in middle grades education; this course provides a survey of current issues in the middle school, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4108. Methods in Elementary Education (6)

Completed concurrently with EDU 4208. A review of general teaching methods in elementary education, this course provides a survey of current issues in elementary education, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews and specialty area coaching sessions.

EDU 4109. Methods and Materials in English (3)

This course, completed concurrently with EDU 4209, is an examination of instructional strategies which provides opportunities to discuss, demonstrate, and evaluate a variety of methods in the teaching of English. The skills of reading, writing, speaking, and listening are reviewed to develop the ability to impart these skills to students. This course provides a survey of current issues in teaching English, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional

portfolio and participates in mock interviews and specialty area coaching sessions.

EDU 4110. Methods and Materials in Modern Foreign Languages (3)

This is a competency-based course addressing current theory and widely accepted models and methods of second-language instruction for grades 9-12. It is a practice centered course requiring demonstration of acquired knowledge in simulated and actual situations. Emphasis is placed on the North Carolina Public School Second-language Curriculum and on developing the professional knowledge and skills necessary to teach in that curriculum.

EDU 4111. Methods and Materials for Foreign Language in Elementary and Middle Schools/FLEMS (2) Co-requisite: EDU 4210 or permission of department. This is a competency-based course presenting theories, models, and practices of second-language teaching for kindergarten through middle grades. It incorporates knowledge of child development, language acquisition, and the school curriculum to promote skills in teaching and in material and program design. This course provides a survey of current issues in teaching foreign language, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4115. Methods and Materials in Human Sciences (3)

This course, completed concurrently with EDU 4215, is an examination of skills used in applying principles of curriculum development, knowledge of adolescents and social trends to instructional planning. Emphasis is on meeting individual needs of learners through selection and structuring of objectives, content and learning experiences. This course provides a survey of current issues in teaching human sciences, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4117. Methods and Materials in Mathematics (3)

This course, completed concurrently with EDU 4217, is an overview of various methods of teaching mathematics. Textbooks as well as standardized tests and teacher-made tests are discussed. Special attention is given to the material in the current issues of The Mathematics Teacher and the Yearbook of the National Council of Teachers of Mathematics. This course provides a survey of effective teaching methods in mathematics, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4118. Methods and Materials in Music (3)

This course, completed concurrently with EDU 4218, is a study of methods and materials used in teaching the various music subjects and activities in public schools. The principles of music education, its problems, and the more frequently used evaluation procedures are also studied. This course provides a survey of current issues in teaching music, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4121. Methods and Materials in Physical Education (6)

This course, completed concurrently with EDU 4221, is a study of the selection, organization, and presentation of materials and the study of various necessary methods. Practical teaching and activity situations are provided to determine means of improving teaching techniques. This course provides a survey of current issues in teaching physical education, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4126. Methods and Materials in Social Sciences (3)

Co-requisite EDU 4226 or permission of the department. The techniques of social science instruction in high school are considered. Special

emphasis is placed on the utilization of resources. This course provides a survey of current issues in teaching social sciences in high school, effective teaching methods, classroom management techniques, and a review of philosophies of student discipline. The student teacher completes the professional portfolio and participates in mock interviews.

EDU 4141. Methods and Materials in Library Science (3)

This is an overview of techniques and materials essential for the operation and management of a school library as a materials center, and knowledge of methods and materials used in the teaching of library lessons.

EDU 4200 SERIES

Prerequisite: Students must be admitted to the Teacher Education Program a full semester prior to student teaching. Co-requisite: EDU 4100 and a grade point average of 2.5 or above in the field in which licensure is sought. The Directed Teaching component of the Senior Semester is intended to provide opportunities for the student to practice teaching under direct supervision. These courses are components of the second semester senior internship in Teacher Education.

EDU 4201. Directed Teaching of Art (6)

EDU 4202. Directed Teaching of Comprehensive Science (3)

EDU 4206. Directed Teaching of Dramatic Art (6)

EDU 4207. Directed Teaching of Middle Grades (6)

EDU 4208. Directed Teaching of Elementary Education (6)

EDU 4209. Directed Teaching of English (6)

EDU 4210. Directed Teaching of Modern Foreign Languages (6)

EDU 4215. Directed Teaching of Human Sciences (6)

EDU 4217. Directed Teaching of Mathematics (6)

EDU 4218. Directed Teaching of Music (6)

EDU 4221. Directed Teaching of Physical Education (6)

EDU 4226. Directed Teaching of Social Sciences (6)

EDU 4300. Classroom Utilization of Instructional Technologies (3)

This course is designed for students in the teacher education program and has a focus on using technology in the classroom. The course addresses teacher requirements for the National Education Technology Standards for Teachers (NETS) developed by the International Society for Technology Education and adopted by North Carolina's State Board of Education, which deal with the integration of technology into the curriculum. The course will focus on project-based, learner-centered computer applications for the classroom. Students enrolling in this course must demonstrate the basic computer skills taught in EDU 2800.

EDU 4320. Basic Principles of Guidance (3)

This is a study of the functions and organization of guidance and counseling services. An overview of student needs, counselor roles, individual appraisal, group counseling, career planning, and the helping process is provided.

EDU 4520. Photography (3)

This course is an application of photographic skills emphasizing 35 mm, digital, and instamatic type cameras in instruction and training with special emphasis on composition, visual language, and theories of non-verbal communication of visuals.

EDU 4530. Introduction to Videography (3)

This is an overview of the development of the motion picture as an art form and as conveyor of information. The student develops competencies in editing, lighting, and programmed script development.

EDU 4700. Preparation of Instructional Technologies (3)

This course provides an opportunity to develop the basic techniques and communication skills which lead to competencies in the design and

development of instructional materials, including layout and design, illustration, color, dry mounting, hot and cold laminating, lettering, and large poster/blackboard design.

EDU 4750. Introduction to Speech/Language Pathology (3)

This is an introduction to the processes of speech, language, and hearing; classification and description of their pathologies, their evaluation and management. The interaction of the field of speech/language pathology with other health/human service professions is covered.

EDU 4760. Scientific Bases of Speech (2)

This is a survey of the physiological and acoustical aspects of speech production, its transmission and reception. Specific information regarding the processes of respiration, phonation, resonance, articulation, and audition is covered.

EDU 4770. Hearing Science (2)

This course covers the subject of hearing from sound to sensation, including the structure and function of the auditory system.

EDU 4780. Aural Rehabilitation (3)

This is an introduction to the theories, methods, and systems of developing, maintaining and/or enhancing oral communication skills in children and adults with hearing impairments. Speech reading, auditory training, and amplification and other assistive listening devices are stressed.

EDU 4800. Phonetics (3)

This is an introduction to the study of the perception and production of the vowels, diphthongs, and consonants of spoken American English, employing an adapted version of the IPA. The focus is on broad transcription of normal and disordered speech.

EDU 4810. Clinic Observation (1)

This course will target the recognition of specific methods and skills needed to effectively start the clinical practicum as well as to obtain the 25 hours of observation of both adults and children in a variety of settings.

EDSH 5710. Anatomy and Physiology (3)

This is an introduction to the anatomical and physiological aspects of the speech mechanism. Both normal and pathological aspects of respiration, phonation, resonance, and articulation are studied.

EDSH 5751. Introduction to Audiology (3)

This is a survey of the historical development and basic concepts of the field of audiology. Psychophysical concepts are discussed, as are symptoms, causes and treatment of hearing disorders in children and adults.

EDU 4900 SERIES (*Permission required.)

These courses are designed to permit the independent pursuit of information on and solution of educational problems through library research and/or field work. The student desiring to take these courses must present a study proposal to the appropriate program coordinator for approval.

EDU 4902. Independent Study in Elementary Education (1-3) Permission of instructor required.

EDU 4903. Independent Study in Counselor Education (1-3) Permission of instructor required.

EDU 4905. Independent Study in Middle Grades Education (1-3) Permission of instructor required.

EDU 4906. Independent Study in Special Education (1-3)
Permission of instructor required.

EDU 4907. Independent Study in Speech Language Impaired (1-3) Permission of instructor required.

EDU 4908. Independent Study in Educational Technology (1-3) Permission of instructor required.

EDU 4950. Special Topics in Education (3)
Permission of instructor required. These courses are an in-depth study of special areas of concern to educators. Because specific topic emphasis varies from semester to semester, the courses may be repeated for credit.

Administration and Faculty

College of Behavioral and Social Sciences

College of Liberal Arts

College of Science and Technology

Full Professors

Aggrey, Kwesi, Provost 2009

Analytical Chemistry, Ph. D.

University of Hawaii, B.S. in Chemistry, Kwame Nkrumah

University of Science in Ghana

Allen, Beverly, 2004

Physical Education and Recreation

B.A., North Carolina A&T State University; M.F.A.,

University of North Carolina at Greensboro; Ph.D., Ohio State University

Brinson, Leslie, 1975

Psychology

B.A., M.S., North Carolina Central University; Ph.D., University of Maryland

Carver, Franklin B., 1997

Environmental Science

B.S., Fayetteville State University; M.S.E.H.,

East Tennessee State University; Ph.D., Ohio University

Conklin, George, 1978

Sociology

A.B., Colgate University; Ph.D., University of Pennsylvania

Debela, Achameleh, 1990

Art

B.F.A., Ahmadu Bello University; M.F.A.,

Maryland Institute College of Art

Elliot, Jeffrey M., 1981

Political Science

B.A., M.A., University of Southern California; D.A., Claremont Graduate School

Gooding, Marion F., 1988

Nursing

Diploma, St. Mary's School of Nursing; B.S., T.C.

Columbia University; M.A., T.C. Columbia University;

Ph.D., Peabody/Vanderbilt University

Gosnell, Russell, 1984

Mathematics

B.S., M.S., Ohio State University; Ph.D., Ohio

University

Guseh, James S., 1997

Public Administration

B.A., Brandeis University; M.S., University of Oregon;

M.P.A., J.D., Syracuse University; Ph.D., University of Texas at Dallas

Harewood, Ken, 1998

Biology

B.A. New York University; M.S., Ph.D., City College of New

York

Harris, Jasper L., 1975

Geography

B.S. North Carolina Central University M.A., Ph.D.,

University of North Carolina at Chapel Hill

Henderson, Lenneal, 2001

Dan Blue Chair in Political Science A.B., M. A., Ph.D.,

University of California at Berkeley

Hughley, Carey, 1980

Physical Education

B.S., Hampton University; M.S., University of Massachusetts;

Ph.D., The Ohio State University

Izydore, Robert A., 1974

Chemistry

B.S., Pennsylvania State University; Ph.D., Duquesne University

Jackson, Ceasar R., 2005

A&M University; M.S. University of Florida; Ph.D., North Carolina State University

Jacobs, Sylvia, 1976

History

B.S., M.B.A., Wayne State University; Ph.D., Howard University

Jones, Beverly, 1972

History

B.A., M.A., North Carolina Central University; Ph.D.,

University of North Carolina at Chapel Hill

Jones, Rhonda, 2007

History

B.A., Howard University; M.A., Howard University; Ph.D., Howard University

Kim, Ki-Hyon, 1968

Physics

B.S., Physics, Seoul National University, Korea; Ph.D., University of Vienna, Austria

Melikian, Hyak, 1999

Mathematics

M.A., Armenian State Pedagogical Institute, Yerevan;

M.S., University of Wisconsin-Milwaukee; Ph.D., V.A. Steklov Institute of Mathematics

- Muhammad, Baiyina, 2006
History
B.A., North Carolina Central University; M.A., North Carolina Central University; Ph.D., Morgan State University
- Murray, Percy E., 1979
History
B.A., M.A., North Carolina Central University; Ph.D., Miami University, Ohio
- Myers, John, 1971
Chemistry
B.S., M.S., Carson-Newman College; Ph.D., University of Florida
- Nadel, Joshua, 2007
History
B.A., Tufts University; M.A., The University of North Carolina at Chapel Hill; Ph.D., The University of North Carolina at Chapel Hill
- Nelms, Charlie, Chancellor 2007
Ed. D. and M.Ed. in Higher Education Administration, Indiana University, Bloomington; Agronomy, B.S. Arkansas A. M. & N. College, Pine Bluff, Arkansas,
- Neubauer, John A. II, 1998
Aerospace
B.S., United States Air Force Academy; M.S., University of Southern California
- Norflett, Linda K., 1976
Theatre
B.A., North Carolina Central University; M.A., University of North Carolina at Chapel Hill; Ph.D., New York University
- Ogede, Ode S., 1996
English
B.A., M.A., Ph.D., Ahmadu Bello University
- Okeiyi, Esther C., 1994
Human Sciences
B.A., Southwest Missouri State University; M.S., Florida International University; M.S., Ph.D., Mississippi State University
- Parker, Debra O., 1988
Human Sciences
B.S., MS., M.Ed., North Carolina Central University; Ph.D., University of North Carolina at Greensboro
- Parker, Freddie L., 1976
History
B.A., M.A., North Carolina Central University; Ph.D., University of North Carolina at Chapel Hill
- Patterson, Cecil L., Professor Emeritus, 1950
English
A.B., Samuel Houston College; M.A., Ph.D., University of Pennsylvania
- Pendergraft, Norman E., Professor Emeritus, 1966
Art A.B., M.A.C.T., University of North Carolina at Chapel Hill
- Penny, Ronald G., 2002
Public Administration
B.S., N.C. A&T State University; J.D., University of North Carolina at Chapel Hill
- Perry, Patsy B., Professor Emeritus
English, Ph.D., University of North Carolina at Chapel Hill
- Pruett, Lilian, Professor Emeritus, 1965
Music
A.B., Vassar College; M.A., Ph.D., University of North Carolina at Chapel Hill
- Reed, Hazell, Vice Chancellor, 2008
Ph. D. Plant Science and Horticulture
M.S. Pennsylvania State University, B.S. A. M. & N. College, Pine Bluff, Arkansas
- Richardson, Ricardo, 2004
Biology
B.S., M.S., P.D., Autonomous University of Barcelona
- Robinson, Elwood L., 1984
Psychology
B.A., North Carolina Central University; Ph.D., Pennsylvania State University
- Robinson, Isaac A., 1971
Social Work
B.A., North Carolina Central University; M.S.W., University of North Carolina at Chapel Hill; Ed.D., North Carolina State University
- Rodgers, Kenneth G., 1996
Art
B.S., North Carolina A&T State University, M.F.A., University of North Carolina at Greensboro
- Sangster, Minnie B., 1986
Modern Foreign Languages / French
B.A., St. Andrews Presbyterian College; M.A., Ph.D., University of North Carolina at Chapel Hill
- Schooler, James M., 1970
Chemistry
A.B., Wittenberg College; M.S., Ph.D., University of Wisconsin
- Simpson, Miles E., 1981
Sociology
B.A., M.A., Ph.D., Michigan State University

Schneider, Doris, 1977
Theatre
B.A., William Carey College; M.A., University of
Southern Mississippi; M.P.D., North Carolina State University

Tokuta, Alade, 1994
Chair, Mathematics and Computer Science
BSEE, MSEE, Duke University; EE, Columbia
University; Ph.D. University of Florida

Administration and Faculty

Undergraduate Studies

Umberger, Wallace
Theatre
A.B, M.A., University of North Carolina at Chapel; Ph.D.,
Tulane University

White, Sandra, 1998
Biology
B.A, Hampton University; M.S., Ph.D., University of Michigan

Wilson, George P., 1984
Criminal Justice
B.S., Loras College; M.S.W., George Williams College; Ph.D.,
Michigan State University

Wortham, Robert A., 1988
Sociology
B.A., Elon College; Ph.D., Emory University

Associate Professors

Abu-Shakra, Amal, 1994
Biology
B.S., American University of Beirut, Lebanon; M.S.,
University of London, UK; Ph.D., University of Surrey,
Guildford, UK

Aicher, Joseph R., Jr., 1970
Political Science
B.A., St. Francis College; M.A., Marquette University; Ph.D.,
Duke University

Alston, Johnny B., 1976
Theatre
B.A., North Carolina Central University; M.A.,
University of North Carolina; Ph.D., University of Iowa

Anderson, Yolanda Banks., 1996
Environmental Science
B.S., University of North Carolina at Greensboro;
S.M., Harvard School of Public Health; Ph.D.,
University of North Carolina at Chapel Hill

Bailey, Candace, 1998
Music
B.M., University of North Carolina at Greensboro; A.M., Ph.D.,
Duke University

Barnett, Albert, 1971
Geography
B.A., North Carolina Central University; M.A.,
University of Michigan; Ph.D., Arizona State University

Becker, Claudia A., 2007
Modern Foreign Languages / German
B.A., Universität Trier, M.A., Bowling Green State University,
Ph.D., University of Southern California

Blocker, Deborah, 2005
Human Sciences
B.S., Cornell University; M.S., University of California;
M.S., Harvard University; D.Sc., Harvard University

Carroo, Agatha E., 1981
Geography
B.A., Tuskegee University; Ph.D., Cornell University,
Ithaca; J.D., University of Alabama School of Law, Tuscaloosa

Carver, Melvin J., 1977
Art
B.A., North Carolina A&T State University; M.P.D.,
North Carolina State University; Ed.D., University of Illinois

Chen, Luke 2005
Biology
Chiquor, Isabel, 1977 Art B.F.A., M.F.A., Alfred University;
M.F. A., Rochester Institute of Technology

Clamp, John, 1981 Biology B.S., Methodist College;
M.S., Ph.D., North Carolina State University

Clark, Vernon, 1959
Biology
B.S., Shaw University; M.S., North Carolina Central
University; Ph.D., University of North Carolina at
Chapel Hill

Cliette, George, 1994
Psychology
B.A., M.A., North Carolina Central University; Ed.D., Boston
University

Cofresi, Lina L., 2007
Modern Foreign Languages / Spanish
B.A., Georgia State University; M.A., Ph.D., Vanderbilt
University

Creedy, Robert, 1986
Social Work
B.A., Shaw University; MSW, Ph.D., University of Wisconsin,
Madison and Milwaukee

Cuevas, Marco Polo Hernandez, 2005
Modern Foreign Language/Spanish
B.A., M.A., Portland State University
Ph.D., University of British Columbia

- Dacons-Brock, Karen, 1980
Theatre
B.A., M.F.A., University of North Carolina at Chapel Hill; M.A., North Carolina Central University
- Davies, James, 1988
Sociology
B.A., St. Augustine's College; M.A., North Carolina Central University; Ph.D., University of Oklahoma
- DeLauder, Sandra F., 1996
Chemistry
B.S., University of North Carolina at Greensboro;
M.S., North Carolina A&T State University; Ph.D., Howard University
- Draper, Thornton, 1995
Physical Education
B.S., Clark College; M.S., Springfield College;
Ph.D., Temple University
Draper, Thornton, 1995 Physical Education B.S., Clark College;
M.S., Springfield College; Ph.D., Temple University
- Evans, Thomas, 1970
English
A.B., University of Michigan; M.A.C.T., Ph.D., University of North Carolina at Chapel Hill
- Gershenhorn, Jerry, 2000
History
B.A., B.S., State University of New York at Binghamton; M.A., North Carolina Central University; Ph.D. University of North Carolina at Chapel Hill
- Green, Herbert, 2005
Human Sciences
B.A., University of Maryland; M.S., Central Michigan University; Ph.D., Capella University
- Goldman, Vinston, 1988
Psychology
M.A., Ph.D., University of North Carolina at Chapel Hill
- Gordon, Ibeanu, 2006
Biology
B.S. Biology, University of South Alabama; Ph.D., Cell and Molecular Biology, Atlanta University
- Hall, Jarvis, 1995
Political Science
B.A., North Carolina A&T State University; M.P.P., University of Michigan; Ph.D., Duke University
- Hardy, Leon B., 1980
Mathematics B.A., M.S., Texas Southern University; M.A., Ph.D., Michigan State University
- Harper, Jim, 2004
History
B.A., North Carolina Central University; M.A., North Carolina Central University; Ph.D., Howard University
- Harper, Shirley, 1992
Physical Education
B.S., M.S., North Carolina Central University; Ph.D., University of Maryland
- Harrell, Paula, 1992
Music
Ohio State University; D.M.A, University of North Carolina, Greensboro
- Harrington-Austin, Eleanor, 1999
English B.A., Duke University; M.A., Ph.D., Tulane University
- Hughley, John, 1992
Art
B.A., NC A and T State University; M.A., Ed.D., University of Illinois
- Jeffreys, Arcelia T., 1989
Physical Education
B.S., M.S., North Carolina Central University; Ph.D., University of North Carolina at Greensboro
- Johnson, Bernice D., 1979
Human Sciences
B.S., Arkansas A M and N College; M.Ed., Pennsylvania; State University; Ph.D., University of North Carolina at Greensboro
- Kuwahara, Kuldip, 1999
English
B.A., Lucknow University; M.A., Panjab University; Ph.D., University of North Carolina at Greensboro
- Lindsey, Lydia, 1974
History
B.A., M.A., Howard University; Ph.D., University of North Carolina at Chapel Hill
- Lotchin, Phyllis J., 1967
English
B.A., Millikin University; M.A., Ph.D., University of North Carolina at Chapel Hill
- Love, Garrett R.
Geography
B.S., Massachusetts Institute of Technology; M.S., Ph.D., Duke University
- Mainuddin, Rolin, 1996
Political Science
B.S.S., M.S. S., University of Dhaka; M. A., Ohio University, Ph.D., University of Kansas

- Mann, Jesse, 1991
Recreation
B.S., North Carolina Central University; M.S., University of North Carolina at Chapel Hill; Ph.D., New York University
- Mathew, Mary T., 1994
English
B.Sc., Union Christian College; M.A., University of Madras; M.A., North Carolina Central University; Ph.D., University of North Carolina at Chapel Hill
- Maynor, Louise C., 1971
English
B.A., Pembroke State University; M.A., Appalachian State University; Ph.D., Duke University
- McMorris, Michael A.
Criminal Justice
B.A., Criminal Justice Saginaw Valley State University; M.A., Saginaw Valley State University; Ph.D., Capella University
- McMurray, Harvey L., 1987
Criminal Justice
A.A.S., Community College of the Air Force; B.A., University of Maryland; M.A., Howard University; Ph.D., Rutgers University
- Mizelle, Richard M., 1978
Psychology
B.A., M.Ed., North Carolina Central University; M.S., Ph.D., University of Wisconsin
- Mosher, Mark D., 2007
Modern Foreign Languages / Spanish
B.A., M.A., Ph.D. University at Albany
- Moss, Mattie E., 1979
Mathematics
B.S., North Carolina Central University; M.A., Morgan State University; Ed.D., Rutgers University
- Nowell, William Robert, III, 1995
English
B.A., University of North Carolina at Chapel Hill; M.S., Northwestern University; Ph.D., Indiana University
- Nwosu, Veronica, 1994
Biology
B.S., University of Illinois; M.S., Roosevelt University; Ph.D., Wayne State University
- Nyormoi, Okot, 1994
Biology
B.A., Ph.D., Indiana University
- Oritsejafor, Emmanuel, 2000
Political Science
B.A., Saint Augustine's College, M.A., Ph.D., Clark-Atlanta University
- Parrish, Theodore R., 1984
Health Education
B.A., Brown University; Ed.M., M.S.W., Boston University; Dr. P.H., University of North Carolina at Chapel Hill
- Parker, Debra O., 1988
Human Sciences
B.S., M.S., M.Ed., North Carolina Central University; Ph.D., University of North Carolina at Greensboro
- Politano, Virginia, 1984
Physical Education
B.S., M.S., Marshall University; Ph.D., Southern Illinois University, Carbondale
- Rector, Malcolm, 2004
B.A., University of St. Thomas; M.M., D.M.A., Rice University
- Reid, LaVerne, 1994
Health Education
B.S., North Carolina Central University, M.P.H., School of Public Health, University of North Carolina at Chapel Hill; Ph.D. Heiller School for Social Welfare Administration, Brandeis University
- Rudd, Audrey, 2001
Biology
B.S., North Carolina Central University, PhD. Wake Forest University School of Medicine
- John E. Scott, 2006
Biology
B.S. Biochemistry, University of Illinois Ph.D. Microbiology & Immunology, Duke University
- Sendlinger, Shawn, 1992
Chemistry
B.S., Oregon State University; M.S., Ph.D., Cornell University
- Shaw, Brenda R., 1981
English
B.A., Lane College; M.A., Atlanta University; D.A., Middle Tennessee State University
- Shoaf, James M., 1975
Mathematics
A.B., Pfeiffer College; M.A.M., Ph.D., North Carolina State University
- Simpson, Brennetta, 2001
Music B.M.E., M.A., Northwestern University; Ed.D., Columbia University
- Smith, Laura, B. 1994
Mathematics B.S., M.S., North Carolina Central University; Ph.D., North Carolina State University
- Stiefvater, Robert, 1995
Physical Education
B.A., Metropolitan State College of Denver; M.S., Ph.D., Indiana University

Uma, Ravanasaundran, 2005
Computer Science
B. Sc., University of Madras
M.E. India Institute of Science Ph.D. Polytechnic
University, Brooklyn

Vavra, Sandra, 1995
English
M.A.T., Ph.D., University of North Carolina at Chapel Hill

Vlahovic, Branislav, 1965
Physics
B.S., M.S., Ph.D., University of Zagreb, Croatia

Wigfall, Patricia M., 1991
Public Administration
B.A., Hampton University; M.S., University of Illinois, Urbana;
Ph.D., University of North Carolina at Chapel Hill

Wiggins, Ira, 1988
Music
B.A., North Carolina Central University; M.M., D.M.A.
University of North Carolina at Greensboro

Wilkerson, Wendell W., 1998
Chemistry
B.S., Tuskegee University; M.A., North Carolina Central
University; Ph.D., University of North Carolina at Chapel Hill

Williams, Andrew P., 1994
English
B.S.Ed., Slippery Rock University; M.Ed., Slippery Rock
University; Ph.D., Indiana University of Pennsylvania

Williams, Harris, 1994
Geography
B.S., North Carolina Central University; M.A., Ph.D.,
Arizona State University

Wilson, Carlton E., 1989
History
B.A., North Carolina Central University; M.A., The Ohio State
University; Ph.D., University of North Carolina at Chapel Hill

Assistant Professors

Abraham, Solomon, 1988
Mathematics
B.S. Warren Wilson College; M.S., Ph.D., North Carolina State
University

Agazie, Maxine, 2005
Social Work
M.S.S.W., University of Tennessee; Ph.D., Atlanta University

Banks, Richard, 2003
Music
B.S., Lincoln University, M.M., University of Michigan

Bockting, Margaret, 1997 English B.A., Connecticut
College; M.A., Ph.D., University of North Carolina at Chapel
Hill

Brady, Gary M., 1979
Mathematics
B.S., M.A.M., Ph.D., North Carolina State University

Carl, Lisa, 2003 English B.A., M.A., Ph.D., University
of North Carolina at Chapel Hill

Crowe, Benjamin, 2001
Physics
B.S., Lincoln University; M.S., Ph.D., Purdue University

Charles, Walter, 2005
Psychology
B.A., Long Island University, Ph.D., Princeton University

Davis, Jessica S.
Criminal Justice
B.A., The College of Charleston; M.S., North Carolina
Central University; Ph.D., Michigan State University

dePyssler, Bruce, 1999
English
B.A., University of North Texas; M.A., Ph.D., University of
Texas at Austin

Eaton, Sherry C., 2001
Psychology
B.A., Howard University; Ph.D., University of North Carolina at
Chapel Hill

Crayton, Brenda, 2005
Social Work Howard University; Yeshiva University, New York

Eberhardt, Darlene M., 2005
Human Sciences
B.S., Delaware State University; M.S., Hampton University;
Ph.D., Virginia Polytech University

Ferebee, Floyd C., 1973
English
B.A., M.A., North Carolina Central University; Ph.D.,
University of Cincinnati

Grant, Delores, 2001
Biology
B.S., South Carolina State University; M.S., Bowling Green
State University; Ph.D. University of North Carolina at Chapel
Hill

Hagman, Lynda
Nursing, RN, Ph.D.
Administration and Faculty - Undergraduate Studies

Hall, Jarvis, 1995
Political Science

- B.A., North Carolina A&T State University; M.P.P., University of Michigan; Ph.D., Duke University
- Hawkins, Mary, 1965
Health Education
M.S.P.H., North Carolina Central University; M.Ed., East Carolina University
- Holley, Timothy, 1996
Music
B.M., Baldwin-Wallace College; M.M., D.M.A., University of Michigan
- Hollowell, Gail, 2003
Biology
B.S., North Carolina Central University; M.S., Ph.D., Howard University
- Huang, Chien Ju, 1994
Sociology, Ph.D. Purdue University
- Jackson, Seronda, 2005
Health Education
B.S./M.S., Clark Atlanta University; PhD, Univ. of N.C. Chapel Hill
- Johnson, Fredrick, 1994
Mathematics
B.S. University of North Carolina at Wilmington;
M.S., Ph.D., North Carolina State University
- Jolly, David, 1999
Health Education
B.A., Princeton University; M.S.P.H., School of Public Health; M.Ed., Tufts University; Dr. P.H., School of Public Health - Univ. of N.C. Chapel Hill
- Keaton, Karen, 2004
English
B.S., Hampton University; M.A., Ph.D., Wayne State University
- Kimaru, Christopher, 1991
Public Administration B.A., B.S., William Patterson University; M.P.A., University of Delaware; Ph.D. University of Maryland at Baltimore
- Kwon, Sung-Sik, 1999
Mathematics
Ph.D., University of North Carolina at Chapel Hill
- Ladapo, Jonathan, 1994
Biology M.S., University of Southwestern Louisiana; Ph.D., University of Georgia
- Lawson, J. Rinaldo, 1982
History
B.S., Ohio University; M.A., North Carolina Central University; Ph.D., Kent State University
- Mika, Karla K., 2000
Aerospace
B.S., University of Arizona; M.S., Air Force Institute of Technology
- Nessly, Laurence D., 1988
English
M.A., Ph.D., University of Michigan
- Nicholson, William C.
Criminal Justice
B.A., Reed College, J.D., Washington & Lee University School of Law
- Ogirri, Dennis
Political Science
- Pinckney, Nancy D., 1968
Physical Education
B.S., Allen University; M.S., Indiana University
- Pirani, Michael, 2005
Geography
B.S., Worcester State College; M.A., University of Kentucky; Ph.D., University of Washington
- Rodriguez Cabral, Cristina O., 2004
Modern Foreign Languages
B.A., University of the Republic of Uruguay; M.A. T.E.S.O.L., Indiana University of Pennsylvania; Ph.D., University of Missouri-Columbia
- Romocki, LaHoma Smith, 2004
Health Education
B.A., Duke University; M.P.H., Ph.D., University of North Carolina at Chapel Hill
- Rountree, Wendy, 2004
English
B.S., University of North Carolina at Chapel Hill; B.A., M.A., East Carolina University; Ph.D., University of Cincinnati
- Shtukar, Uladzimir, 2002
Mathematics
B.S., M.S., Ph.D., Belarus State University, Minsk
- Key, Catherine S., 2005
Biology
B.S., University of Missouri; Ph.D., University of North Carolina at Chapel Hill
- Smythe, Thomas, 2004
Philosophy
B.S., State University of New York at Brockport; M.A., University of California; Ph.D., University of Michigan
- Sroka, Joseph, 1973
Criminal Justice
B.S., Virginia Commonwealth University; M.S., Eastern Kentucky University; J.D., North Carolina Central University

Straffin, Kimberly S., 1998

Aerospace

B.S., Pennsylvania State University; M.S., College of Notre Dame

Tulis, David, 2003

Biology

B.S. University of North Carolina at Chapel Hill; M.S., North Carolina State University; Ph.D., Eastern Virginia Medical School and Old Dominion University

Tymas, Baron, 2001

Music, B.A, M.M., Howard University

Vassilev, Tzvetalin S., 2005

Computer Science B.Sc., Technical University, Sofia M.Sc., Technical University, Sofia Ph.D. University Saskatchewan

Vogler, Mary F., 1967

Modern Foreign Languages/French

B.A., Millsaps College; M.A., University of North Carolina at Chapel Hill

Ware, Michele, 1999

English

B.A., University of New Orleans; M.A., Ph.D., University of North Carolina at Chapel Hill

Willis, Carol A.J., 2003

Human Sciences B.S., University of Massachusetts at Amherst; M.S., Bank Street College of Education; Ed.D., University of Massachusetts at Amherst

Williams, Daniel 2005

B.A. Biology, North Carolina Central University, 1995 M.S. Biology, North Carolina Central University, 1997 Ph.D. Microbiology, NC State University, 2001

Winders, Rebecca, 1997

Public Administration

B.A., Westhampton College; M.R.P., Ph.D., University of North Carolina at Chapel Hill

Xaubet, Horacio, 2007

Modern Foreign Languages / Spanish

B.A., M.A., San Francisco State University; Ph.D., University College Berkeley

Xie, Jiahua (Jay), 2006

Chemistry

B.S. Agronomy, Zhejiang University (former Zhejiang Agricultural University), China Ph.D. Biophysics,

Zhejiang University (former Zhejiang Agricultural University), China

Yang, Liju 2006

Chemistry

B.S. Chemistry, Hangzhou Normal University, China M.S.

Analytical Chemistry, Zhejiang University (formerly Hangzhou University), China Ph.D. Biological Engineering, University of Arkansas

Instructors

Adeyemi, David S., 2005

Mathematics and Computer Science

B.Sc. Computer Engineering,

Awolowo, Obafemi

University; M.Sc. Computer Engineering, University of Lagos; M.S. Mathematics, North Carolina Central University

Alston, Regina R., 1978

English

B.A., M.A., North Carolina Central University

Collins, Alfredia H., 1980

English

B.A., M.Ed., North Carolina Central University

Ellis, Joyce, 1973

English

B.A., North Carolina Central University; M.A., Columbia University

Evans, Beverly, 1995

Human Sciences

B.A., M.L.S., M.S., North Carolina Central University

Forte, Minnie M., 1989

English

B.A., Saint Augustine's College; M.Ed., North Carolina Central University

Gevargyan, Hamest, 2005 Mathematics and Computer Science

M.E. Arenian State Science

M.B. North Carolina University

Harrell, Cheri, 1987

Mathematics

B.S., Fisk University; M.A.; University of Michigan- Ann Arbor

Melnykova, Olena 2005

Mathematics

B.S. Odesa Stae Academy

M.S. North Carolina Central University

Murray, Carol A., 1980

English

B.A., North Carolina Central University; M.A., University of North Carolina at Chapel Hill

Nelson, Frances, 1990
English
B.A., East Carolina University; B.A., University of Arkansas at
Little Rock; M.A., George Mason University

Thomas, Abdul, 1984
Mathematics

B.S., Saint Augustine's College; M.S., North Carolina Central
University

Townsend, Richard D., 1983
Mathematics
M.A., University of Tennessee, Knoxville

Visiting/Adjunct Faculty

Bartolone, Regina F., Ph.D.
Modern Foreign Languages

Benton, Craig, M.S.
Social Work

Beyah, Wadeah Y., M.A.
Human Sciences

Bhattarai, Harihar, Ph.D.
Sociology

Blackstock, Sandra, R.N.
Nursing

Blumenthal, Gregory, Ph.D.
Environmental Science

Bass-Bowden, Tonya
Health Education

Bowling, Lewis, M.S.S.
Physical Education

Gingrich, Pat M., M.S.
Nursing

Brown, Bobbie
Nursing

Dixon, Erica, M.A.
Physical Education

Brown, Damon., M.M.
Music

Donaldson, Delilah, M.P.A.
Public Administration

Burroughs, Angela
Health Education

Downey, Lillian W., M.A.
Human Sciences

Busko, Michael, Ph.D.
Public Administration

Drew, Gloria, M.A.
Sociology

Caldwell, Cassandra, A.P.A.
Public Administration

Drew, Michael, M.S.
Criminal Justice

Carrington, Annette
Health Education

Duarte, Derison, M.M. Music

Duarte, Kathryn, D.M.A.
Music

Durant, Lauren, M.A.
Psychology

Caruso, Cary, Ph.D.
Physics

Dutta, J. M., Ph.D.
Physics

Chunn, Gwendolyn, C.M.A.
Criminal Justice

Edwards, Christopher, Ph.D.
Psychology

Clay, Carolyn, B.S.N.
Nursing

Ellenson, James, Ph.D.
Chemistry

Clemons, Kawachi M.M.
Music

Espinell, Martha I., M.A.
Modern Foreign Languages

Clubb, Patricia, Ph.D.
Psychology

Farrar, Vida, Ph.D.
Chemistry

Collins, Roger L., M.S.
Health Education

Fenlon, C. Robert, M.A.
Criminal Justice

Fisher, Karl W., M.A
Modern Foreign Languages

Cook, Michael, Ph.D.
Biology

Formey, Dawn, M.A.
Theatre

Cooper-Sherman, Bendu M.A.
History

Fofanah, Ibrahim, M.S.
Chemistry

Crissman, Paul, M.P.A.
Environmental Science

Frega, Alvin, M.F.A.
Art

Cutler, Kenneth, M.S.
Biology

Fredericks, Emilia, M.S.N.
Nursing

Dargan, Janice, Ph.D.
English

Freeman, Stephanie D., M.A.
English

Davis, Chuck, Artist-in-Residence
Theatre

Duarte, Derison, M.M. Music

George, Arnold, B.A.; M.M.
Music

Granado, Antonio
Music

Davis, Raymond, Ph.D.
Biology

Goldmon, Suzzette, M.S.
Human Sciences

Gray, Phyllis, M.A.
Health Education
Hall, Kristin

Halverson, Pamela, M.M.
Music

Hampden Ivan
Music

Hanberry-Freeman, Marsha, M.Ed.
English

Hargis, Bret
Theatre

Harrell, Kevin
Health Education

Harrison, Marian, D.M.
Music

Heck, Wendy, Ph.D.
Biology

Heitzenrater, John, M.A.
Music

Helm, Lenora A., B.M.
Music

Hernandez, Kimberly, B.A., M.A.

Herod, Tita L., M.A.
Modern Foreign Languages

Hinton, Kenneth
Theatre

Horton, Johnathan Brian, M.M.
Music

Howell, Sega, J.D.
Public Administration

Hubbard, Grace, M.S.N.
Nursing

Hughes, Bea, Ph.D.
Geography, Chemistry

Hughes, Chad, M.A.
Art

Huff, George T., M.S.W.
Human Sciences

Jackson, Ethel
Health Education

Jefferson, Lynne, M.A.
English

Jewell, Elizabeth, MA
Physical Education
Clinical Education Coordinator

Jones, Belinda, M.P.H.
Health Education

Kelly, Maurene, M.M.
Music

King, Gloria, M.S.N.
Nursing

King, Sophie, M.S.
Human Sciences

Kurtz, Maureen, M.S.N.
Nursing

LaBennett, Tyjuanna, M.S.
Biology

Lassiter, Ernestine, M.S.N.
Nursing

Lee, Sung-bum, M.S.,
Mathematics and Computer Science

Loeb, Jeannie, Ph.D.,
Psychology

Maffucci, Dawn, M.A.
Physical Education

Massenburg, Daniel, M.A.
Criminal Justice

Matheny, Trudy, Ph.D.
Biology

Mathis, Joan H., M.E.D.
Theatre

Mathur, Ramesh, Ph.D.
Mathematics

Mba, Emmanuel, M.S.
Biology

McAffity, Kendra, M.S.
Biology

McCarthy, Ann Kinnamon, M.A.
English

Mei-Chuan Thai, D.M.A
Music

Pirani, Michael J., Ph.D.
Geography and Earth Sciences
Mitchell, Rashaunte L., M.S., M.A.
Human Sciences

Price, LaShawndra, M.A.
Psychology

Murphy, Sandra J., M.S.
Human Sciences

Redoble, Jane, M.A.
Nursing

Mumford, Maria E., M.A.
Modern Foreign Languages

Reid, Jorim, M.A.
Music

Richmond, James, Ph.D.
Biology

Nass, David, M.S.
Physical Education

Rogers, Sandra, M.A.
Sociology

Newsome, Vickie, M.A.
Sociology

Nolen, Scott, M.A.
Psychology

Saliim, Eric, M.S.
Biology

Norris, Jami, M.S.
Physical Education

Scales, Mischa, Ph.D.
Psychology

Osei-Owusu, Pierre, M.S.
Geography

Scott, Mary H., M.A.
Human Sciences

Ostrowski, Cathleen E., M.S.
Human Sciences

Shi, Jiefu, M.S.
Mathematics

Othow, Helen Chavis, Ph.D.
English

Singh, Phirtu, Ph.D.
Chemistry

Page, Joyce, M.A.
Health Education

Sharpe, Robert
Health Education

Page, Mildred O., M.A.
Health Education

Small, William, M.S.
Health Education

Pan, Ho Yu, B.S.N.; M.B.A.
Nursing

Smith, Edward G., Ph.D.
Biology

Paolantomio, Edward, M.M.
Music

Smith, George, M.A.
Physical Education

Smith, William, Ph.D.
Music

Perez, Paula, M.S.,
Human Sciences

Soper, Rebecca, M.A.
English

Pase, Douglas, Ph.D.
Mathematics

Spencer, Yvonne, Ph.D.
Nursing

Patterson, Michele, M.A.
Art

Stanback, Barry, M.A., J.D.
Political Science

Phillips, Ruth, Ph.D.
Biology

Steele, Claudia, RN, M.Ed.
Nursing
Swain, Ira Noble, M.S.
Chemistry

Tate, Andrew, Ph.D.
Biology

Taylor, Holleigh, RN, B.S.N., M.S.N.
Nursing

Taylor, Thomas, B.M.
Music

Telford, T.J., XX Health
Education

Tipper, Telford, M.S.
Physical Education

Trowers, Robert, M.A.
Music

Vann, Andre, 2007
History

Vaughn, Samuel E., M.S.
Physical Education

Vlahovic, Gordana, Ph.D.
Geography and Earth Sciences

Vazquez, Lori, M.S.
Physical Education

Wang, Xingwu, Ph.D.
Chemistry

Walker-DeVose, Dina C., M.S.
Human Sciences

Wicker, Ingrid, M.R.R.
Physical Education

Willacy, Ericka
Health Education
Williams, Harold, M.A.
Criminal Justice

Williams, Lavern, Jr., M.A.
Mathematics

Williams, Sheara, M.S.W.
Social Work

Wilson, Grover, M.A.
Music

Zaarour, Khodr, M.A.
Political Science

Artists-in-Residence
Calderazzo, Joey

Green, Elvira O., B.A.

Marsalis, Branford

BRITE Professors

Yeh, Li-An, 2005
Pharmaceutical Science
B.S., National Taiwan University; M.S., Kent State University;
Ph.D., Purdue University

Associate Professors

Ding, Tomas, 2007
Pharmaceutical Science
M.S. in Chemical Engineering; Lund Institute of Technology, Sweden; Ph.D. in Organic Chemistry, Lund Institute of Technology, Sweden

Ibeanu, Gordon 2006
Biology
B.S. Biology, The University of South Alabama; Ph.D., Cell and Molecular Biology, Atlanta University

Oldham, Carla 2006
Pharmaceutical Science
B.S. Chemistry, Hampton University
Ph.D. Biochemistry, Purdue University

Ping-An Li, 2007
Pharmaceutical Science
M.D., Ningxia Medical College, China; M.S. in Neurology, Capital Medical University, China; Ph.D. in Neurobiology, University of Lund, Sweden

Scott, John E. 2006
Chemistry
B.S. Biochemistry, University of Illinois; Ph.D., Microbiology & Immunology, Duke University

Williams, Alfred L. 2006
Chemistry
B.S. Chemistry, San Diego State University; M.S. Organic Chemistry, San Diego State University; Ph.D. North Carolina State University

Williams, Kevin 2006
Pharmaceutical Science
B.Sc. Biochemistry, University of Bath, UK; Ph.D. Biochemistry, University of Cambridge, UK

Zheng, Weifan 2006
Chemistry
B.S. Chemistry, Peking University; M.S. Physical Organic and Analytical Chemistry, Nankai University; Ph.D., Medicinal Chemistry, University of North Carolina at Chapel Hill

Assistant Professors

Sexton, Jonathan Z. 2006
Pharmaceutical Science
B.S. in Chemistry, UC-Santa Barbara; Ph.D. in Physical Chemistry, UC-San Diego

Xie, Jiahua (Jay) 2006
Chemistry
B.S. Agronomy, Zhejiang University, China; Ph.D. Biophysics, Zhejiang University, China

Yang, Liju 2006
Chemistry
B.S. Chemistry, Hangzhou Normal University, China; M.S. Analytical Chemistry, Zhejiang University, China; Ph.D. Biological Engineering, University of Arkansas

Administration

Yeh, Li-An
Director of BRITE
B.S., National Taiwan University; M.S., Kent State University; Ph.D., Purdue University

Boudwin, Angela, 2007
Administrative Officer II

Janvier-Derilus, Natacha, 2007
BRITE Academic Advisor/Recruiter
B.S. Biology and A.S. Criminal Justice, Grambling State University; M.S. in Zoology, Michigan State University

Love, Linda, 2007
B.S. Elementary Education/Music, Winston Salem State University, M.Ed., Education/Mathematics, Georgia State University

Visiting/Adjunct Faculty

Cogdell, Kimberly J, J.D.
Pharmaceutical Science

Olson, Lyn D. Ph.D., RAC
Pharmaceutical Science
Peacock, Susan L. Ph.D., J.D.
Pharmaceutical Science

School of Business Professors

Amoateng, Kofi, 1990
Finance B.A., University of Ghana; M.A., University of Eastern Illinois; Ph.D., University of Texas at Austin

Battle, Joseph, 1988
Decision Sciences
B.S., North Carolina Central University; M.S., Ph.D. University of Michigan

Bryant, Beverly, 1977
Director, Hospitality and Tourism Administration B.S., M.S., Tuskegee Institute; Ed. D., Auburn University

Cabukoglu, Serafettin, 1984
Decision Sciences
B.S., Hacettepe University; M.S., Ph.D., University of Arkansas

Cho, Youngil, 1980

Associate Dean for Programs Marketing

A.B., Korea University; M.B.A., Ph.D., New York University

Fleming, Sundar, 1987

Marketing

A.B., Ph.D., Duke University; M.B.A., Washington University (St. Louis)

*Fulbright, Stewart B., 1947

Management

A.B., Lincoln University (Mo.); M.B.A., University of Chicago; Ph.D., Ohio State University

Harris, Claudia, 1992 Management

B.S., Eastern Kentucky University; M.B.A., Ph.D., University of Utah

Iyengar, Jagannathan, 2003

Computer Information Systems

B.E., Annamalai University; M. Technology, Indian Institute of Technology; MBIS, Ph.D., Georgia State University

Kargar, Javad, 1990

Management

B.A., Ghazali College; M.B.A., Azusa Pacific College; Ph.D., Claremont Graduate School

McClelland, Marilyn, 1989

Computer Information Systems

A.B., Sweet Briar College; M. Eng., University of Virginia; Ph.D., University of North Carolina at Chapel Hill

Moffie, Robert, 1987

Accounting

B.A., Guilford College; M.B.A., East Carolina University; Ph.D., MAC, University of North Carolina at Chapel Hill

Newhouse, Benjamin, 2004

Accounting

B. S. Wayne State University; M.B.A., Ph.D., University of Michigan; CPA

Phillips, Mary, 1983

Accounting Associate Dean for Graduate Programs B.A., Clark College; M.S., North Carolina Central University; Ph.D., University of North Carolina at Chapel Hill

*Thorne, Marian H., 1958

Business Education

B.S.C., North Carolina College at Durham; M.Ed., Boston University; Ed.D., Pennsylvania State University *Professor Emeritus

Associate Professors

Dutton, Marilyn, 1993

Finance

B.A., Mount Holyoke College; M.A., Ph.D., Duke University

Ferguson, Courtney S., 1973

Computer Information Systems

B.S.C., M.S., North Carolina Central University; Ph.D., University of Georgia

Iyengar, Raghavan, 2001

Accounting

B.Com., M.Com., LL.B., University of Bombay; M.B.A., Saint Mary's University, Canada Ph.D., University of Maryland, College Park; CFM; CMA; CPA

Sahoo, Bijoy, 2004

Finance

Interim Dean, School of Business B.A., Ravenshaw College; M.A., Utkal University; M.B.A., Ph.D., University of South Carolina

Stotler, James, 1994

Finance

B.B.A., Pennsylvania State University; M.B.A., Clarion University; Ph.D., Kent State University; CFA

Assistant Professors

Bradford, Berkita S., 2005

Hospitality and Tourism Administration

B.S., Grambling State University; M.P.A., Grambling State University; Ph.D., Kansas State University

Chiang, C. Catherine, 2001

Accounting B.B.A. (Accounting), National Cheng-Kung University,

Taiwan; M. Acc., University of North Carolina at Chapel Hill; M.S.M., North Carolina State University; Ph.D., City University of New York, New York

Edmiston, Elizabeth W., 1999

Computer Information Systems

B.S., Rhodes College; Ph.D., Duke University

George, Carolyn R., 2003 Accounting

B.A., Texas Tech University; M.S., D.B.A., University of Memphis

Hakeem, Salih A., 1988 Economics

B.S., North Carolina Central University; M.S., Ph.D., North Carolina State University

Harris, Kendra L., 2004 Marketing

B.S.B.A, The American University; M.B.A., Duke University; Ph.D., George Washington University

Hunter-Rainey, Sharron, 2004 Management
B.S., Purdue University; M.B.A., University of Cincinnati; Ph.D., Duke University

Irving, Edward L., 1996 Marketing
B.S., North Carolina Central University; Ph.D., University of North Carolina at Chapel Hill

Land, Judy K., 2005
Accounting
B.S., Duke University; M.A., University of North Carolina; Ph.D., University of North Carolina

Mridha, Hosne A., 2003
Economics
B.A., University of Dhaka-Bangladesh; M.A., Eastern Illinois University; Ph.D., University of Wisconsin at Milwaukee

Nasir, ABM E., 2001
Economics
B.A., University of Dhaka-Bangladesh; M.A., Eastern Illinois University; Ph.D., University of Wisconsin at Milwaukee

Oak, Seonghee, 2004
Hospitality and Tourism Administration
B.S., Seoul National University; M.S. New York University; Ph.D., Pennsylvania State University
Stoecklin-Serino, Catharina, 2005
Computer Information Systems B.S., Florida State University; M.S. Florida State University; Ph.D., Florida State University

Ward, Acie L., 1984
Business Law
B.S., Marywood College ; J.D., North Carolina Central University

Instructors

Chapman, Robert L., 1995
Management
B.A., Lincoln University; M.B.A., University of Pennsylvania-Wharton Graduate Division

Green, Joyce, 2005
Hospitality and Tourism Administration
B.A., Brooklyn College; M.S., Florida International University

Henderson, Sybil S., 2002
Accounting
B.S., North Carolina Central University; M.B.A., Duke University

Ivory, Kenneth Neal, 2005
Hospitality and Tourism Administration
A.S., Abraham Baldwin Agricultural College; B.S., University of Georgia; M.B.A., Oxford Brookes University

Love, Cindy, 2002
Professional Development
B.A., M.P.A., North Carolina Central University

Seay, Cameron, 2004
Computer Information Systems
B.A., City University-New York; M.A., State University of New York; M.B.A., M.S., Georgia State University; Ph.D., Georgia State University

School of Education Administrators and Faculty

Diane Scott
Department Chair – Communication Disorders

Edward Moody
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Deborah Eaton
Coordinator of Educational Technology Program

Laurell Malone
Coordinator of School Administration Program

Alana Zambone
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Katrina Billingsley
Director of Teaching Fellows/Edmond Scholars/NC Teach

Kaye Thompson-Rogers
Licensure Officer Chena

Flood Bell
Director of University School Partnerships

Cheresa Clemons
Distance Education Recruiter/Advisor

Faculty

Ellen Bacon, 1988
Professor
B.A., Eckerd College; M.A., Teacher College-Columbia University; Ph.D., University of North Carolina at Chapel Hill

Joy Banks, 2003
Assistant Professor
B.S., Eastern Michigan University; M.A., University of Michigan; Ph.D. , University of Connecticut

Belfon, Sheila M., 1990
Associate Professor
B.S., Ohio State University; M.S.W., Hunter College; Ed.D., Duke University

Bridges, Sheila 1995
Associate Professor
B.S., University of Massachusetts; M.A., Bowling Green State University;
Ph.D., Michigan State University

Bryant-Yubwannie, Sandra, 2002
Clinical Faculty
B.S., Hampton University; M.A., The Ohio State University

Yolanda Dunston, 2003
Assistant Professor
B.A., M.Ed., Ph.D., University of North Carolina at Chapel Hill

Robin Gillespie, 2002
Clinical Faculty
B.A., University of North Carolina at Chapel Hill; M.Ed., North Carolina Central University

Janice A. Harper, 1978
Professor
B.A., M.A., North Carolina Central University; Ph.D., Southern Illinois University, Carbondale

William Lawrence, 1999
Professor
B.S., North Carolina Central University; M.A., North Carolina Central University; Ph.D., University of North Carolina at Chapel Hill

Thomas Layton, 1996
Professor
B.S., M.A., Ph.D., University of Nebraska, Lincoln

H. Donell Lewis, 1984
Associate Professor
B.S., Shaw University; M.A., Central Michigan University; Ph.D., University of Illinois, Urbana

Laurell Malone, 2003
Assistant Professor
B.A., Earlham College; M.Ed., University of Virginia; Ed.D., Virginia Polytechnic Institute and State University

Marceia Monique McMillian-Robinson, 2002
Assistant Professor
B.A., University of North Carolina at Chapel Hill; M.Ed., University of North Carolina at Greensboro; Ph.D., University of North Carolina at Chapel Hill

Patricia S. Miller, 2003
Associate Professor
B.S., Women's College of University of North Carolina; M.A., University of North Carolina at Chapel Hill; Ph.D., Virginia Polytechnic Institute and State University

Edward Moody, Jr., 1995
Associate Professor
B.A., Free Will Baptist Bible College; M.A., Middle Tennessee State University; Ph.D., North Carolina State University

P. Masila Mutisya, 2001
Associate Professor B.A., M.Ed., Ed.D., University of Massachusetts at Amherst

Laura Onafowora, 1999
Assistant Professor
B.A., Rutgers University M.P.A., New York University; Ph.D., University of North Carolina at Greensboro

James Edward Osler II, 2001
Assistant Professor
B.A., M.A., North Carolina Central University; Ed.D., North Carolina State University

Chadwick Royal, 2003
Assistant Professor
B.A., North Carolina State University; M.S., University of North Carolina at Greensboro; Ph.D. North Carolina State University

Tom Scheft, 1976
Associate Professor
B.A., M.A.T., Ph.D., University of North Carolina at Chapel Hill

Diane Scott, 1998
Professor
B.S., M.Ed., University of Virginia; Ph.D., Vanderbilt University

Timothy Siegler, 1998
Assistant Professor
B.A., Montclair State College; M.Ed., Langston University; Ph.D., University of Oklahoma

Sharon Spencer, 1991
Associate Professor
B.A., Guilford College; M.Ed., University of North Carolina at Greensboro; Ph.D.,

University of North Carolina at Chapel Hill

Cecelia Steppe-Jones, 1982
Professor
B.A., M.Ed., North Carolina Central University; Ph.D., Southern Illinois University, Carbondale

Raquel Strauss, 2004
Clinical Faculty
B.A., Southern Illinois University-Carbondale; M.S., University of North Carolina at Chapel Hill; Certificate in Bilingualism, Manhattan-Marymount College

Brad Walker, 1997

Associate Professor B.S., Florida State University;
M.S., Pennsylvania College of Optometry; Ph.D., University of
Texas at Austin

Alana Zambone, 2004

Associate Professor B.S., University of North Carolina
at Chapel Hill; M.S. George Peabody College for Teachers;
Ph.D. Vanderbilt University

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